SAMSUNG

Plasma Display with Media Station

Owner's Instructions

Before operating the unit,
please read this manual thoroughly,
and retain it for future reference.

REMOTE CONTROL
ON-SCREEN MENUS
PICTURE IN PICTURE
TELETEXT

ENG

ENG

Safety Instructions

- ***Do not place the PDP on an unstable cart, stand, tripod, bracket, table, or floor where it can fall.***
- ***Do not expose the PDP to extreme temperature conditions or to extreme humidity conditions.***
- ***Do not expose the PDP to direct sunlight and other sources of heat.***
- ***Do not expose the PDP to any liquids.***
- ***Never put objects of any kind into the television, and do not place a water-containing vessel on the PDP.***
- ***During a storm conditions (especially when there is lightning) unplug the PDP from the mains socket and aerial.***
- ***Do not step on or twist the power cord.***
- ***Do not overload wall outlets or extension cords as this can result in a risk of fire or electric shock.***
- ***Please use a soft and dry cloth (not containing volatile matter) when you clean the PDP.***
- ***If the PDP is broken, do not try to repair it yourself. Contact qualified service personnel.***
- ***If the remote control is not used for a long period of time, remove the batteries and store it in a cool, dry place.***
- ***Do not drop the remote control.***

User Instructions

- ***Screen Image retention***
  Do not display a still image (such as on a video game or when hooking up a PC to this PDP) on the plasma monitor panel for more than 2 hours as it can cause screen image retention. This image retention is also known as “screen burn”. To avoid such image retention, reduce the degree of brightness and contrast of this screen when displaying a still image.

- ***Cell Defect***
  The plasma display panel consists of fine cells. Although the panels are produced with more than 99.9 percent active cells, there may be some cells that do not produce light or remain lit.

- ***Height***
  The PDP can normally operate only under 2000m in height. It might abnormally function at a place over 2000m in height and do not install and operate there.

- ***Warranty***
  - Warranty Period: One year starting from the purchase of your PDP.
  - Warranty does not cover any damage caused by image retention.
  - Burn-in is not covered by the warranty.

Caution

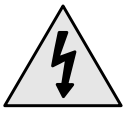
ENG

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO PREVENT ELECTRICAL SHOCK, DO NOT REMOVE REAR COVER, NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash and arrow head within the triangle is a warning sign alerting you of "dangerous voltage" inside the product.



The exclamation point within the triangle is a warning sign alerting you of important instructions accompanying the product.

☛ ***The main voltage is indicated on the rear of the PDP and the frequency is 50 or 60Hz.***

WARNING: TO PREVENT DAMAGE WHICH MAY RESULT IN FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

Checking Parts

- **Owner's Instruction**
- **Remote Control / 2 Batteries (AAA)**
- **Video Cable (DVI)**
- **2 Power Cords**
- **3 Ferrite Cores**
- **S-Video Cable**

ENG

Contents (continued)

◆ **FOREWORD**
- Safety Instructions 2
- User Instructions 2
- Caution 3
- Checking Parts 3

◆ **CONNECTING AND PREPARING YOUR DISPLAY**
- Viewing the Plasma Display 6
- Viewing the Media Station 7
- Remote Control Buttons 8
- Inserting the Batteries in the Remote Control 9
- Installing the Display on the Wall Attachment Panel 9
- Separating the Display from the Wall Attachment Panel 12
- Connecting Speakers 13
  - – Connecting PDP and Speakers
  - – Connecting Stand and Speakers
- Connecting to an Aerial (or Cable Television Network) 14
- Switching On and Off 15
- Becoming Familiar with the Remote Control 16
- Setting up your Remote Control 17
- Plug and Play 18
- Choosing Your Language 19

◆ **USING YOUR DISPLAY** (continued)
- Storing Channels Automatically 20
- Sorting the Stored Channels 21
- Storing Channels Manually 22
- Editing the Channels 24
- Fine Tuning Channel Reception 25
- Changing the Picture Standard 26
- Adjusting the Picture Settings 26
- Changing the Picture Size 27
- Freezing the Current Picture 27
- Adjusting the Picture Settings (PC or DVI Mode) 28
- Setting the Picture (PC Mode) 29
- Changing the Sound Standard 30
- Adjusting the Sound Settings 30
- Adjusting the Volume Automatically 31
- Selecting the Sound Mode 32

ENG

Contents

◆ **USING YOUR DISPLAY**

- Setting the Dolby Surround 33
- Adjusting the Dolby Pro Logic Preferences 35
- Adjusting the Headphone Preferences 36
- Hearing the Melody Sound 37
- Setting the Current Time 37
- Switching On and Off Automatically 38
- Setting the Sleep Timer 39
- Viewing the Picture in Picture (PIP) 40
- Listening to the Sound of the Sub Picture 42
- Viewing Pictures From External Sources 42
- Redirecting an Input to the External Output 43

◆ **USING THE TELETEXT FEATURE**

- Teletext Feature 44
- Displaying the Teletext Information 45
- Selecting Display Options 46
- Selecting a Teletext Page 47

◆ **CONNECTIONS AND RECOMMENDATIONS FOR USE**

- Connecting to the External Devices 48
- Connecting to the DVD Input 49
- Connecting to the S-Video Input 49
- Connecting to the Audio Output 50
- Connecting to the DVI Input 50
- Connecting to the PC Input 51
- Preset Signals 51
- Setting up Your PC Software (Windows only) 52
- Input Mode (PC/DVI) 53
- Pin Configurations 54
- Care and Maintenance 55
- Troubleshooting: Before Contacting Service Personnel 56
- Wiring the Mains Power Supply Plug (UK Only) 57

Symbols

Press Important Note

ENG

Viewing the Plasma Display

➢ The actual configuration on your PDP may be different, depending on your model.

Front Panel

Speaker

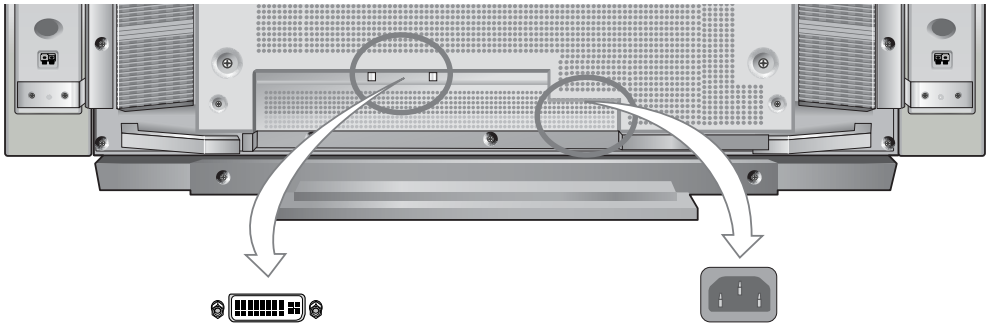
Speaker

POWER
Press to turn the PDP on and off.

Remote Control Signal Receiver
Aim the remote control towards this spot on the PDP.

SOURCE	External input selection.
MENU	Menu display.
– ◢ +	Volume adjustment.
▼ C/P. ⏻ ▲	Channel selection
MUTE	Temporary sound switch off.

Rear Panel



DISPLAY SIGNAL IN

Connect the video cable between the PDP and Media Station.

POWER IN

Plug the mains lead into an appropriate socket.

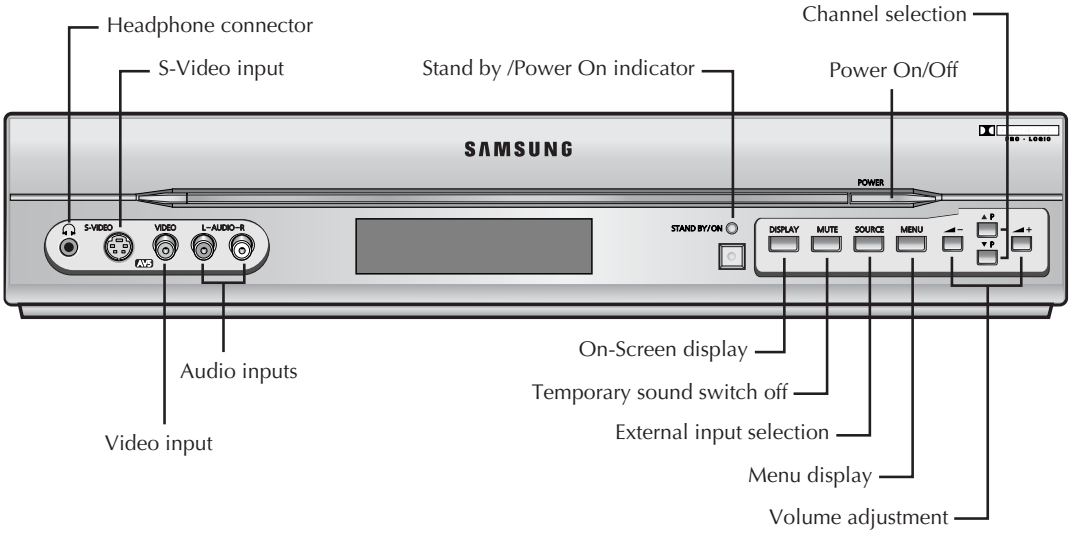
➢ For further details, refer to “Switching On and Off” on page 15.

Viewing the Media Station

➢ The actual configuration on your PDP may be different, depending on your model.

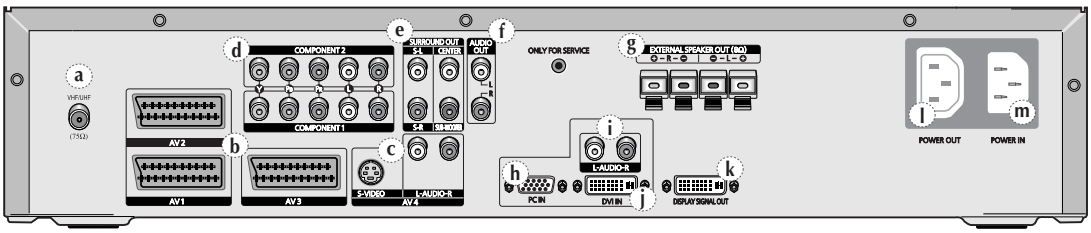
ENG

Front Panel



Rear Panel

➢ For further details about connection, refer to pages 48~51.



a) VHF/UHF (75Ω)
75Ω Coaxial connector for Aerial/Cable Network.

b) AV1 / AV2 / AV3
Inputs or outputs for external devices, such as VCR, DVD, video game device or video disc players.

c) AV4 (S-VIDEO / L-AUDIO-R)
Video and audio inputs for external devices with an S-Video output, such as a camcorder or VCR.

d) COMPONENT 1 / COMPONENT 2
Video (**Y**/**PB**/**PR**) and audio (**L**/**R**) inputs for Component. (480i/480p, 576i/576p, 720p, 1080i)
➢ **720p** and **1080i** are not available in DVD mode. For further details, refer to "Preset Signals" on page 51.

e) SURROUND OUT
Surround amplifier (**S-L**/**S-R**) or powered speaker (**CENTER**/**SUB-WOOFER**) connection to take full advantage of the surround sound effect.

f) AUDIO OUT (L/R)
Audio outputs for an audio system.

g) EXTERNAL SPEAKER OUT (8Ω)
Connectors for external speakers.

h) PC IN
PC video input.

i) L-AUDIO-R
PC/DVI audio inputs.

j) DVI IN
Video input for device with DVI output.

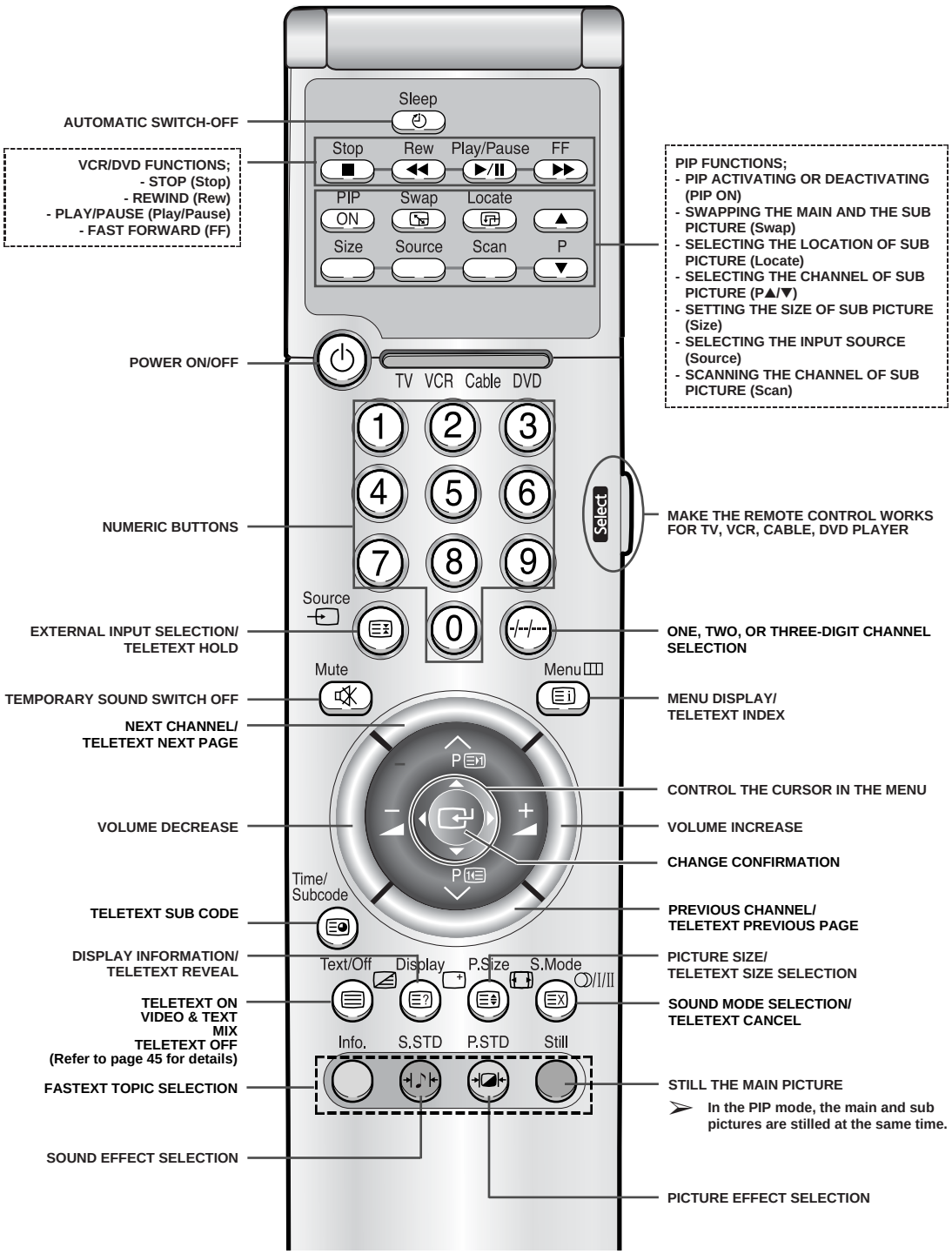
k) DISPLAY SIGNAL OUT
Output of input signal for display.

l) POWER OUT
Power output.

m) POWER IN
Power input.

Remote Control Buttons

ENG



AUTOMATIC SWITCH-OFF

VCR/DVD FUNCTIONS;
- STOP (Stop)
- REWIND (Rew)
- PLAY/PAUSE (Play/Pause)
- FAST FORWARD (FF)

PIP FUNCTIONS;
- PIP ACTIVATING OR DEACTIVATING (PIP ON)
- SWAPPING THE MAIN AND THE SUB PICTURE (Swap)
- SELECTING THE LOCATION OF SUB PICTURE (Locate)
- SELECTING THE CHANNEL OF SUB PICTURE (P▲/▼)
- SETTING THE SIZE OF SUB PICTURE (Size)
- SELECTING THE INPUT SOURCE (Source)
- SCANNING THE CHANNEL OF SUB PICTURE (Scan)

POWER ON/OFF

MAKE THE REMOTE CONTROL WORKS FOR TV, VCR, CABLE, DVD PLAYER

NUMERIC BUTTONS

EXTERNAL INPUT SELECTION/ TELETEXT HOLD

ONE, TWO, OR THREE-DIGIT CHANNEL SELECTION

TEMPORARY SOUND SWITCH OFF

MENU DISPLAY/ TELETEXT INDEX

NEXT CHANNEL/ TELETEXT NEXT PAGE

CONTROL THE CURSOR IN THE MENU

VOLUME DECREASE

VOLUME INCREASE

CHANGE CONFIRMATION

TELETEXT SUB CODE

PREVIOUS CHANNEL/ TELETEXT PREVIOUS PAGE

DISPLAY INFORMATION/ TELETEXT REVEAL

PICTURE SIZE/ TELETEXT SIZE SELECTION

TELETEXT ON VIDEO & TEXT MIX TELETEXT OFF (Refer to page 45 for details)

SOUND MODE SELECTION/ TELETEXT CANCEL

FASTEXT TOPIC SELECTION

STILL THE MAIN PICTURE

➢ In the PIP mode, the main and sub pictures are stilled at the same time.

SOUND EFFECT SELECTION

PICTURE EFFECT SELECTION

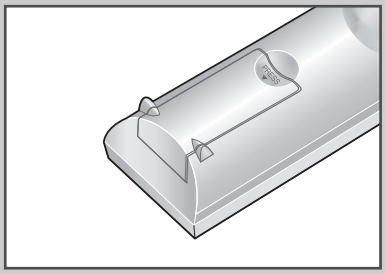
➢ *It is possible that the work of the transmitter is dull or not operated normally if the light of the Bulb is on around the PDP.*

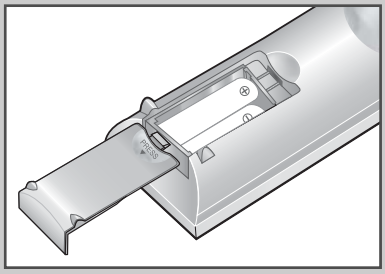
Inserting the Batteries in the Remote Control

ENG

You must insert or replace the batteries in the remote control when you:

- ***Purchase the PDP***
- ***Find that the remote control is no longer operating correctly***





1	Remove the cover on the rear of the remote control by pressing the symbol downwards and then pulling firmly to remove it.
2	Insert two R03, UM4, "AAA" 1.5V or equivalent batteries taking care to respect the polarities: ◆ **–** on the battery against **–** on the remote control ◆ **+** on the battery against **+** on the remote control
3	Replace the cover by aligning it with the base of the remote control and pressing it back into place.

➢ Do not mix battery types, i.e. alkaline and manganese.

Installing the Display on the Wall Attachment Panel

➢ Wall attachment panel is sold separately. Check with your dealer.

Installation Notes

- Do not install the PDP on any place other than vertical walls.
- To protect the performance of the PDP and prevent troubles, avoid the followings:
  - Do not install next to smoke and fire detectors.
  - Do not install in an area subjected to vibration or high voltage.
  - Do not install on the wall.
  - Do not install near or around any heating apparatus.
- Use only recommended parts and components.

continued...

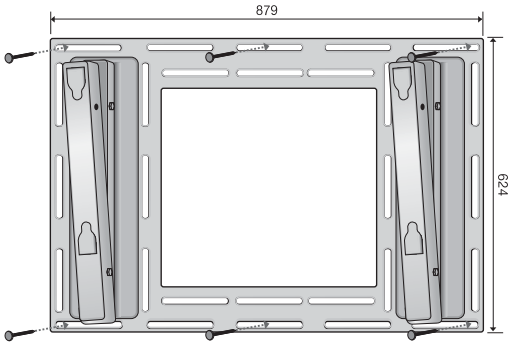
ENG

Installing the Display on the Wall Attachment Panel

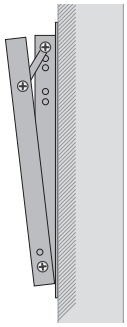
➢ Wall attachment panel is sold separately. Check with your dealer

1 Check for the stability of the wall where the PDP is to be installed. If the wall is not enough strong to support the PDP, strengthen the wall before installation.

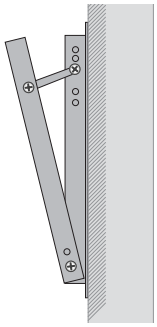
2 Fix the wall attachment panel on the wall using bolts as shown in the figure: Fixing bolts must protrude from the wall appox. 1.5 cm.



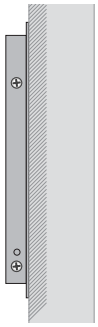
3 Using the wall attachment panel, you may adjust the angle of the display from 0 to 20 degrees. The angle can be set in 5 stages with 5 degrees of distance each using the angle control holes on the sides of the panel.



When the angle has been set to 5 degrees.

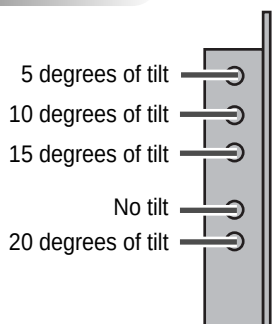


When the angle has been set to 15 degrees.



When the panel hasn't been tilted.

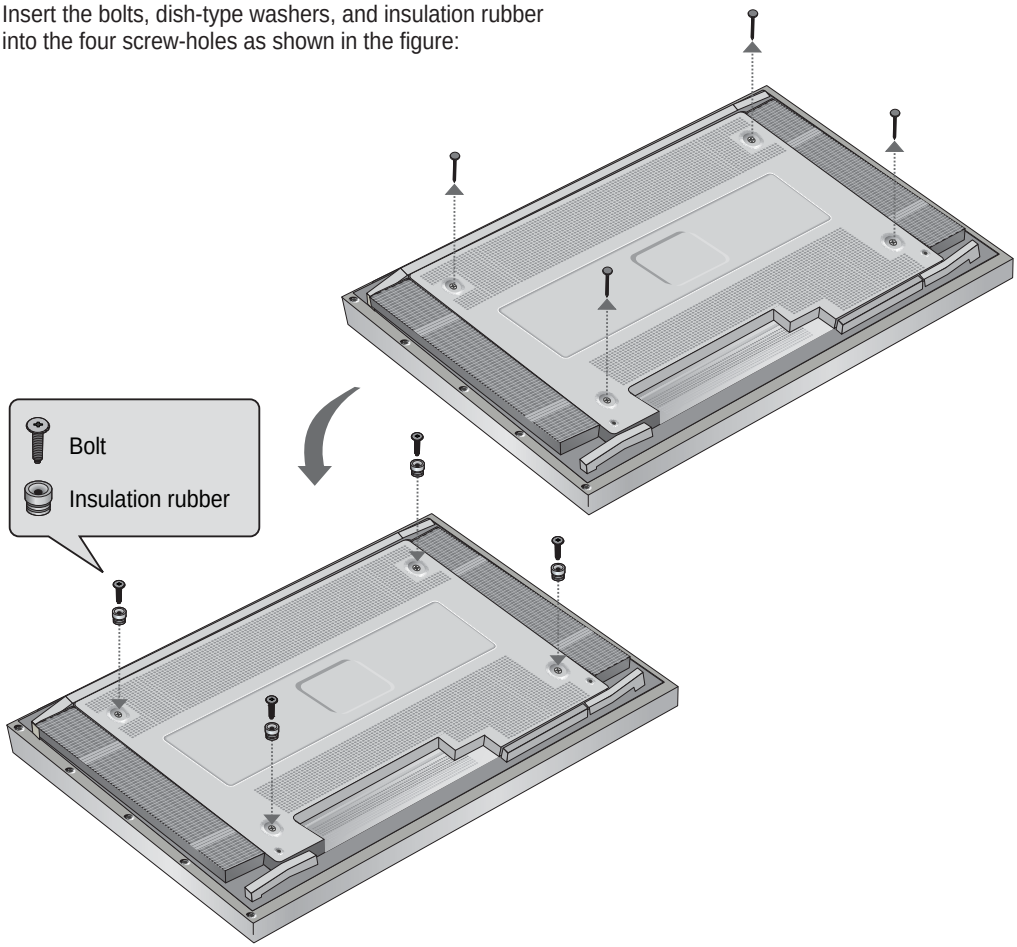
Angle control holes



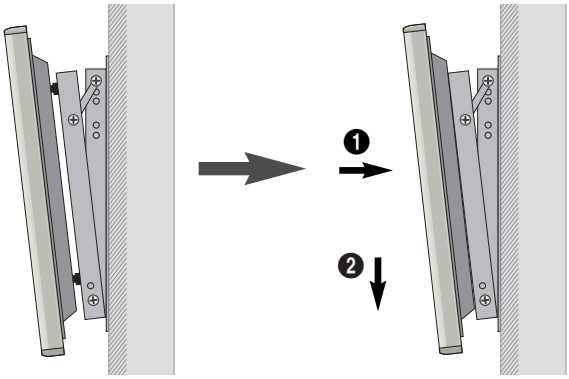
Installing the Display on the Wall Attachment Panel

ENG

4 Remove four large screws from the rear side of the display. Insert the bolts, dish-type washers, and insulation rubber into the four screw-holes as shown in the figure:



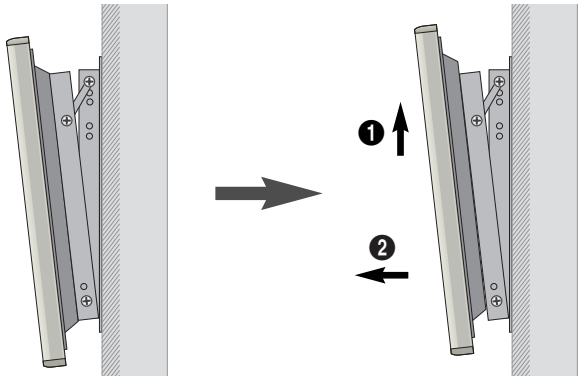
5 Hang the protruding plastic part on the rear of the PDP up the groove on the top of the wall attachment panel. Then, lift down the PDP. (Do not lift down the PDP with too much force. The protruding plastic part might be taken off.)



Separating the Display from the Wall Attachment Panel

ENG

After lifting the PDP up, pull it forward and remove it from the wall attachment panel.

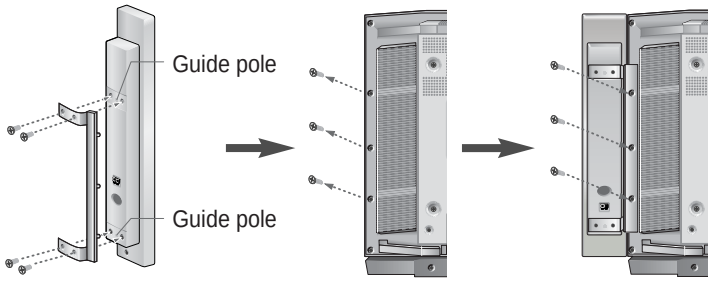


Connecting Speakers

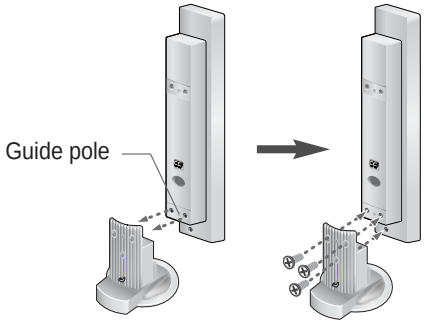
ENG

Connecting PDP and Speakers

Fix the bracket onto the guide pole located on the rear of speaker and fasten the screws. After removing the three screws on the PDP, clamp the speaker and the PDP together and fasten the screws.



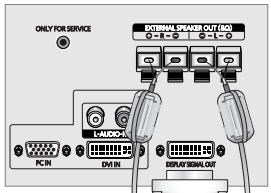
Connecting Stand and Speakers



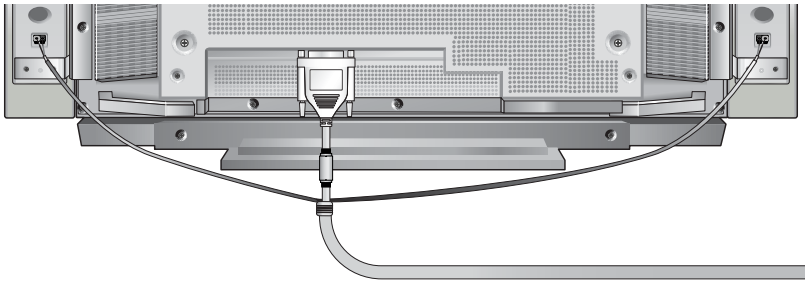
➢ When moving your PDP, do NOT hold the speaker connected to your PDP.
It may damage the bracket clamping the speaker and your PDP together and result in a drop of your PDP and a risk of personal damage and injury.

Connect the speaker audio cable to the external speaker output jack on the rear of the Media Station matching the "**+**" and "**–**" ends of the cable with the diagram on the Media Station.

Rear of the Media Station



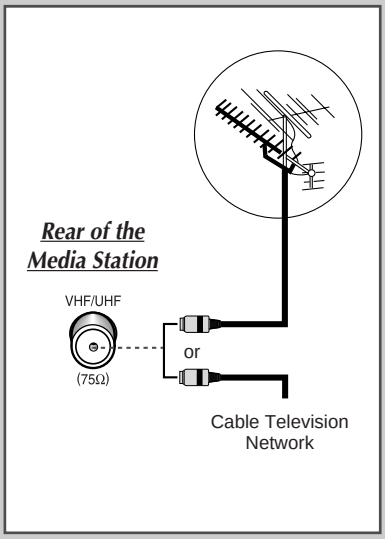
Rear of the PDP



➢
- The speakers MUST have more than 15watts rating (impedance 8Ω).
- The ferrite cores are used to attenuate undesired signals. When you connect the speaker wire to the **EXTERNAL SPEAKER OUT (8Ω)** connector, bind the speaker wire round the ferrite core to secure it.

Connecting to an Aerial (or Cable Television Network)

ENG



To view television channels correctly, a signal must be received by the set from one of the following sources:

- ***An outdoor aerial***
- ***A cable television network***
- ***A satellite network***

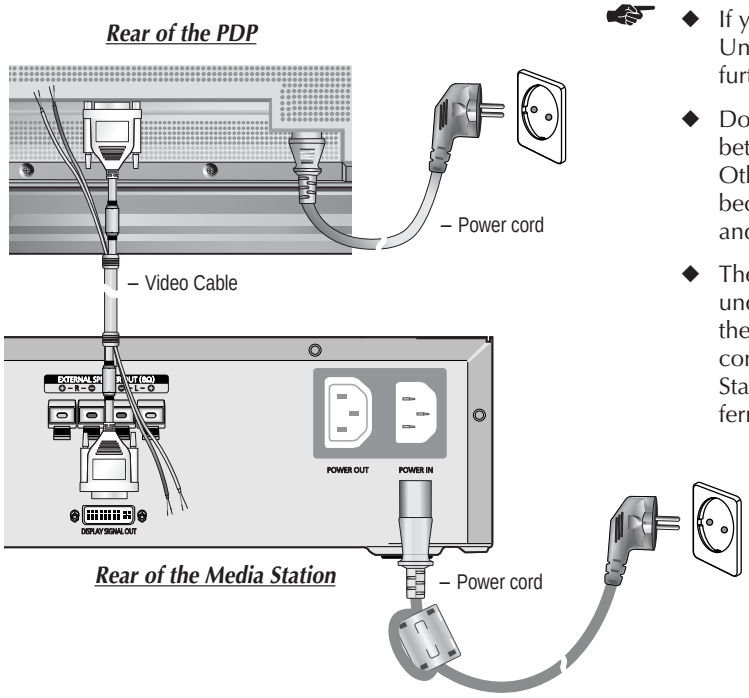
1 In the first three cases, connect the aerial or network input cable to the 75Ω coaxial socket on the rear of the Media Station.

2 If you are using an indoor aerial, you may need to turn it when tuning your television until you obtain a picture that is both sharp and clear.
For further details, refer to:
- "Storing Channels Automatically" on page 20
- "Storing Channels Manually" on page 22

Switching On and Off

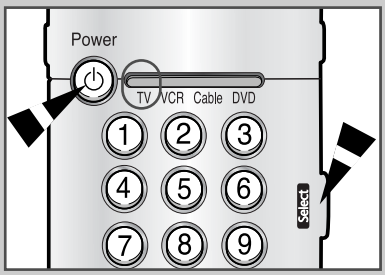
ENG

1	Plug the mains lead of the PDP and Media Station into an appropriate socket.
2	Connect the video cable between the **DISPLAY SIGNAL IN** on the rear of the PDP and the **DISPLAY SIGNAL OUT** on the rear of the Media Station.
3	Press the **POWER** button on the front panel of the Media Station or remote control to switch the display on.



- If you have purchased this PDP in the United Kingdom, refer to page 57 for further instructions on plug wiring.
- Do not connect the power cord between PDP and Media Station. Otherwise, the **EMI** characteristic will become worse because power input and output signals interrupt each other.
- The ferrite core is used to attenuate undesired signals. When you connect the power cord to the **POWER IN** connector on the rear of the Media Station, bind the power cord round the ferrite core to secure it.

If your Media Station isn't turned on when the power button is pressed, please check if the "TV" mode has been chosen by pressing the "Select" button.



Becoming Familiar with the Remote Control

ENG

The remote control is used mainly to:

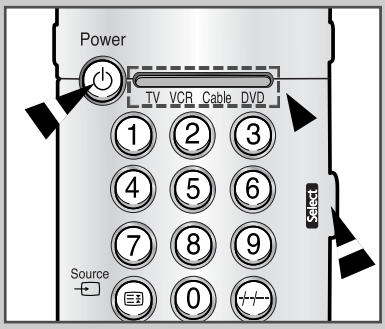
- ***Change channels and adjust the volume***
- ***Display the on-screen menu system***

The following table presents the most frequently used buttons and their functions.

Button	Viewing Function	Menu Function
∧ P	Used to display the next stored channel.	–
P ∨	Used to display the previous stored channel.	–
0 to 9	Used to display the corresponding channels. ➢ For double digit channels, the second digit must be pushed immediately after the first. Failure to do this will result in a single digit channel being displayed.	
-/--/---	Used to select a channel numbered ten or over. Press this button, and enter the two or three-digit channel number.	
+	Used to increase the volume.	–
–	Used to decrease the volume.	–
Mute	Used to switch the sound off temporarily. ➢ To turn the sound back on, press this button again, or press the **–** or **+** button.	
Menu	Used to display the on-screen menu system.	Used to return to the previous menu or normal viewing.
	–	Used to: ◆ Display a submenu containing selections for the current menu option ◆ Search forwards/ backwards manually for channels ◆ Increase/decrease a menu option value
	–	Used to confirm your choice.

Setting up your Remote Control

ENG



1 Turn off your VCR, Cable box, or DVD.

2 Press the **Select** button repeatedly to activate another component (**VCR**, **Cable**, **DVD**).

Example: If you want to program the remote control to operate your VCR, make sure that the VCR LED is illuminated.

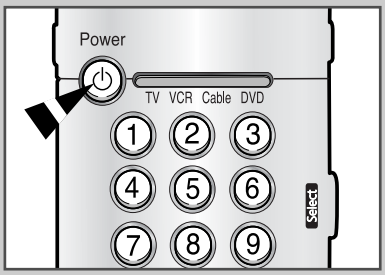
3 Press the **Power** button on the remote control. The component you select should turn on. If it turns on, your remote control is now set correctly.

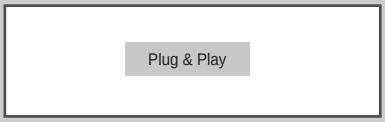
4 Once your remote control is set up, press the **Select** button any time you want to use the remote control to operate your VCR, Cable box, or DVD.

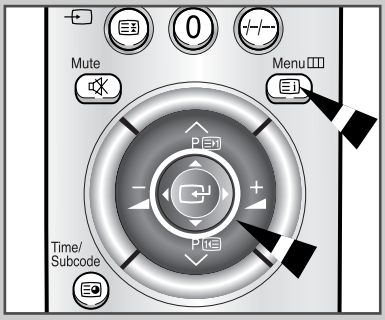
➢
- When your remote control is in the **VCR**, **Cable**, or **DVD** mode, the volume buttons still control your Media Station's volume.
- When your remote control is in the **TV** or **Cable** mode, the VCR control buttons (PLAY, PAUSE, etc.) still operate your VCR.

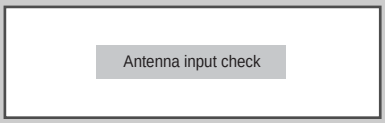
Plug and Play

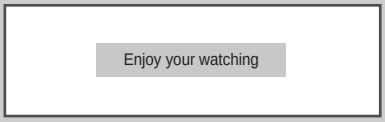
ENG











When the Media Station is initially powered ON, several basic customer settings proceed automatically and subsequently. The following settings are available.

1 If the Media Station is in Standby mode, press the **Power** button on the remote control.

Result: The message **Plug & Play** is displayed. It flickers for a little while, and then the **Language** menu is automatically displayed.

2 Select the appropriate language by moving the joystick left or right. Press the **MENU** button.

Result: The message **Antenna input check** is displayed. It flickers for a little while, and then the **Country** menu is displayed. Make sure that the antenna is connected to the Media Station.

3 Select your country by moving the joystick left or right.

Result: The following countries are available.

Austria - Belgie - Croatia - Denmark - Finland - France - Deutschland - Iceland - Ireland - Italia - Nederland - Norway - Poland - Espania - Sverige - Schweiz - Türkiye - UK - Others

➢ If you have selected the **Others** option but do not wish to scan the PAL frequency range, store the channels manually (see page 22).

4 To start the store, press the joystick button.

Result: The search is start. During searching, the status bar is displayed and the search will end automatically.

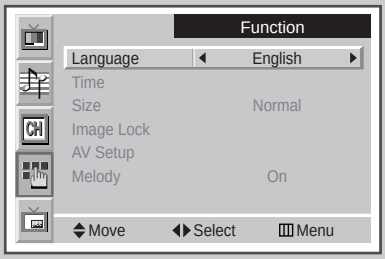
➢ To stop the search before it has finished or return to normal viewing, press the **MENU** button.

5 When it has finished, the message **Enjoy your watching** is displayed, and then the channel which has been stored will be activated.

Choosing Your Language

ENG

When you start using your PDP for the first time, you must select the language which will be used for displaying menus and indications.



1	Press the **MENU** button. Result: The main menu is displayed.
2	Move the joystick up or down until the **Function** is selected. Result: The options available in the **Function** group are displayed.
3	Press the joystick button. Result: The **Language** is selected.
4	Select the appropriate language by moving the joystick left or right.

Storing Channels Automatically

ENG

You can scan for the frequency ranges available to you, (availability depends on your country). Automatically allocated programme numbers may not correspond to actual or desired programme numbers. However you can sort numbers manually and clear any channels you do not wish to watch.

1 Press the **MENU** button.

Result: The main menu is displayed.

2 Move the joystick up or down until the **Channel** is selected.

Result: The options available in the **Channel** group are displayed.

3 Press the joystick button.

Result: The **Country** is selected.

4 Select your country by moving the joystick left or right.

Result: The following countries are available.

Austria - Belgie - Croatia - Denmark - Finland - France - Deutschland - Iceland - Ireland - Italia - Nederland - Norway - Poland - Espania - Sverige - Schweiz - Türkiye - UK - Others

➢ If you have selected the **Others** option but do not wish to scan the PAL frequency range, store the channels manually (see page 22).

5 Move the joystick up or down until the **Auto Store** is selected. Press the joystick button to start the search.

Result: The search will end automatically. Channels are sorted and stored in an order which reflects their position in the frequency range, (with lowest first and highest last). The programme originally selected is then displayed.

➢ To stop the search before it has finished, press the **Menu** button.

6 When the channels have been stored, you can:

- Sort them in the order required (see page 21)
- Assign a name to the stored channels (see page 24)
- Add and erase the channels (see page 24)
- Lock the channels (see page 24)
- Activate the LNA (Low Noise Amplifier) feature (see page 24)
- Fine tune channel reception if necessary (see page 25)

Sorting the Stored Channels

ENG

This operation allows you to change the programme numbers of stored channels. This operation may be necessary after using auto store. You can delete the channels you do not want to keep.

1 Press the **MENU** button.
Result: The main menu is displayed.

2 Move the joystick up or down until the **Channel** is selected.
Result: The options available in the **Channel** group are displayed.

3 Press the joystick button.

4 Move the joystick up or down until the **Channel Sort** is selected. Press the joystick button.
Result: The options available in the **Channel Sort** group are displayed with the **From** is selected.

5 Select the channel number that you wish to change by moving the joystick left or right.

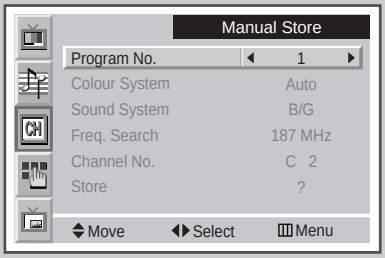
6 Move the joystick up or down until the **To** is selected. Select the new channel number which you wish to identify by moving the joystick left or right.

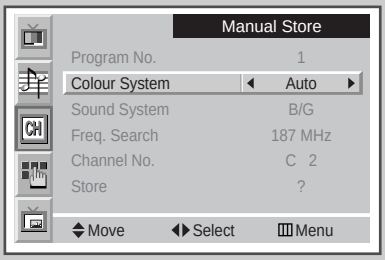
7 To confirm the exchange of channel numbers, select the **Store** by moving the joystick up or down. Set to **OK** by moving the joystick left or right.
Result: The selected channel is exchanged with the one previously stored to the chosen number.

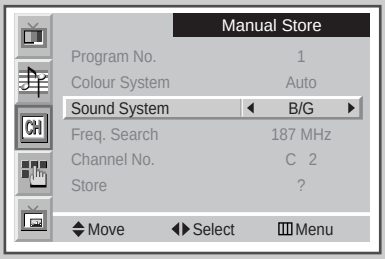
8 For all the channels to move to the required channel numbers, repeat steps **5** to **7** after selecting the **From** by moving the joystick up or down.

Storing Channels Manually

ENG







You can store up to television channels, including those received via cable networks.

When storing channels manually, you can choose:

- ***Whether or not to store each of the channels found***
- ***The programme number of each stored channel which you wish to identify***

1 Press the **MENU** button.
Result: The main menu is displayed.

2 Move the joystick up or down until the **Channel** is selected.
Result: The options available in the **Channel** group are displayed.

3 Press the joystick button.

4 Move the joystick up or down until the **Manual Store** is selected. Press the joystick button.
Result: The options available in the **Manual Store** group are displayed with the **Program No.** is selected.

5 To assign a programme number to a channel, find the correct number by moving the joystick left or right.

6 Move the joystick up or down until the **Colour System** is selected. Select the broadcasting system required by moving the joystick left or right.
Result: The following colour systems are available.
Auto - PAL - SECAM - NTSC4.43

7 Move the joystick up or down until the **Sound System** is selected. Select the sound system required by moving the joystick left or right.
Result: The following sound systems are available.
B/G - D/K - I - L

8 For all the channels to move to the required channel numbers, repeat steps **5** to **7** after selecting the **Program No.** by moving the joystick up or down.

continued...

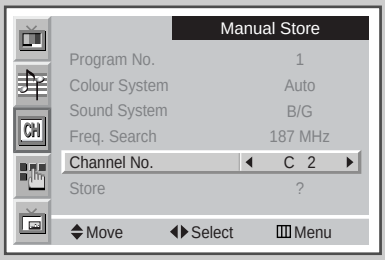
Storing Channels Manually

ENG

9 If you know the number of the channel to be stored...

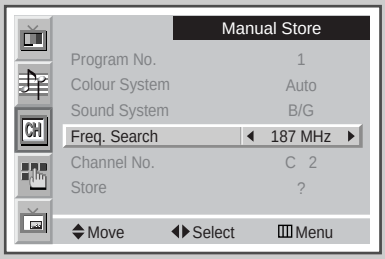
- Move the joystick up or down until the **Channel No.** is selected. Move the joystick right.
- Select the **C** (Air channel) or **S** (Cable channel) by moving the the joystick up or down. Move the joystick right.
- Select the required number by moving the the joystick up or down.

➢ If no sound or abnormal sound, re-select the sound system required.

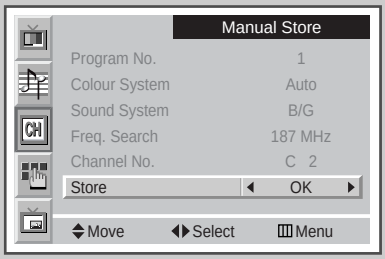


10 If you do not know the channel numbers, select the **Freq. Search** by moving the the joystick up or down. Move the joystick right to start the search.

Result: The tuner scans the frequency range until the first channel or the channel that you selected is received on your screen.



11 To store the channel and associated programme number, select the **Store** by moving the the joystick up or down. Set to **OK** by moving the joystick left or right.



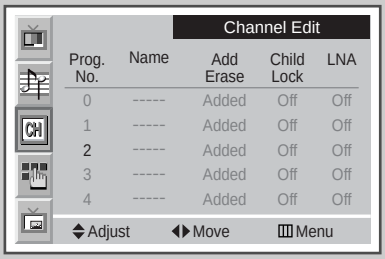
12 Repeat Steps **9** to **11** for each channel to be stored.

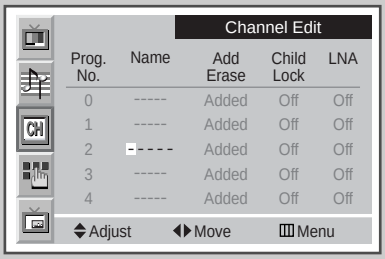
☛ ***Channel mode***

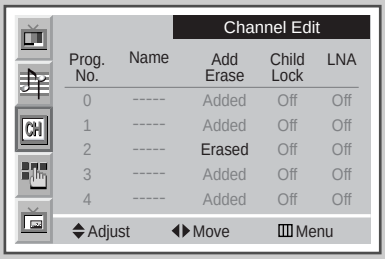
- **P** (Programme mode): When completing tuning, the broadcasting stations in your area have been assigned to position numbers from P00 to max P99. You can select a channel by entering the position number in this mode.
- **C** (Real channel mode): You can select a channel by entering the assigned number to each air broadcasting station in this mode.
- **S** (Cable channel mode): You can select a channel by entering the assigned number for each cable channel in this mode.

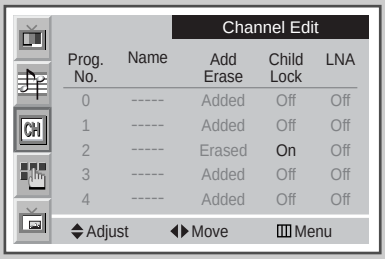
Editing the Channels

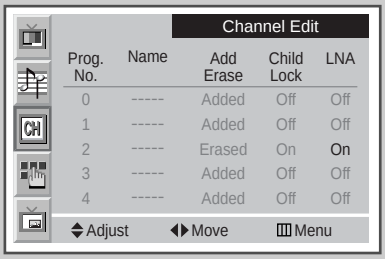
ENG











1	Press the **MENU** button. Result: The main menu is displayed.
2	Move the joystick up or down until the **Channel** is selected. Result: The options available in the **Channel** group are displayed.
3	Press the joystick button.
4	Move the joystick up or down until the **Channel Edit** is selected. Press the joystick button. Result: The options available in the **Channel Edit** group are displayed with the current channel is selected.
5	Select a programme number to be edited by moving the joystick up or down.
6	To assign a new name, select the **Name** by moving the joystick left or right. Press the joystick button.
7	Move the joystick up or down to select a letter (A~Z), a number (0~9) or a symbol (-, space). To move on the previous or next letter, move the joystick left or right.
8	You can add or erase the channels you chosen from the channels you scanned. Select the **Add/Erase** by moving the joystick left or right. If necessary, select the **Added** or **Erased** by moving the joystick up or down.
9	You can prevent unauthorised users, such as children, from watching unsuitable programme. Select the **Child Lock** by moving the joystick left or right. If necessary, select the **On** to lock the channel required by moving the joystick up or down.
10	Move the joystick left or right until the **LNA** is selected. This feature is very useful in the situation that the TV is used in a weak signal and amplifies the TV signal in the weak signal area, but not noise. If necessary, select the **On** or **Off** by moving the joystick up or down.

Fine Tuning Channel Reception

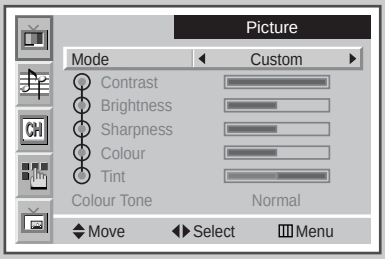
ENG

If the reception is clear, you do not have to fine tune the channel, as this is done automatically during the search and store operation. If the signal is weak or distorted, you may have to fine tune the channel manually.

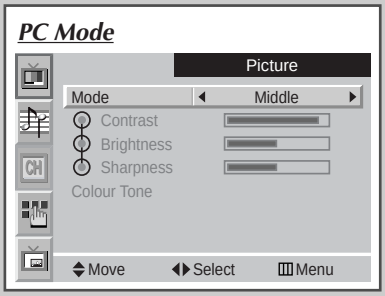
1	Press the **MENU** button. Result: The main menu is displayed.
2	Move the joystick up or down until the **Channel** is selected. Result: The options available in the **Channel** group are displayed.
3	Press the joystick button.
4	Move the joystick up or down until the **Fine Tune** is selected. Press the joystick button. Result: The options available in the **Fine Tune** group are displayed with the **Fine Tune** is selected.
5	To obtain a sharp and clear picture and good sound quality, move the joystick left or right until you reach the setting.
6	To memorise adjusted picture or sound, select the **Store** by moving the joystick up or down. Set to **OK** by moving the joystick left or right.
7	To erase adjusted picture or sound, select the **Erase** by moving the joystick up or down. Set to **OK** by moving the joystick left or right.

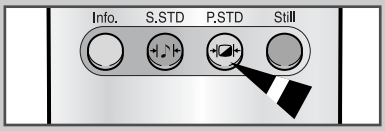
ENG

Changing the Picture Standard



PC Mode





You can select the picture mode which best corresponds to your viewing requirements.

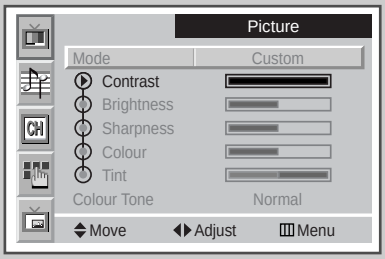
1 Press the **MENU** button.
Result: The **Picture** menu is displayed.

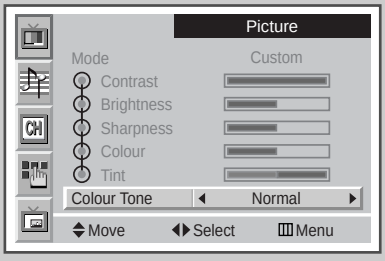
2 Press the joystick button to enter the picture menu.
Result: The **Mode** is selected.

3 To select the picture effect which best corresponds to your viewing requirements, move the joystick left or right.
Result: The following modes are available depending on the input source.
- **Custom - Dynamic - Standard - Movie**
- **Custom - High - Middle - Low** (PC or DVI Mode)

➢ You can select these options by simply pressing the **P.STD** (Picture Standard) button on the remote control.

Adjusting the Picture Settings





Your PDP has several settings which allow you to control picture quality.

1 Press the **MENU** button.
Result: The **Picture** menu is displayed.

2 Press the joystick button to enter the picture menu.

3 Select a option to be adjusted by moving the joystick up or down.

4 To adjust the **Contrast**, **Brightness**, **Sharpness**, **Colour**, or **Tint** (NTSC only), move the joystick left or right.
Result: The horizontal bar is displayed. Move the joystick left or right until you reach the setting.
- In the PC mode, you can not adjust the **Colour** and **Tint**,

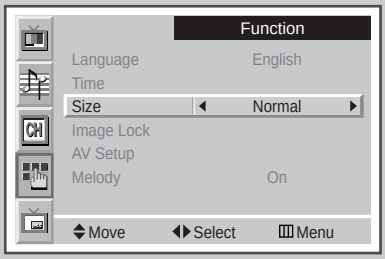
5 To adjust the **Colour Tone**, move the joystick left or right.
Result: The following options are available.
Normal - Cool 1 - Cool 2 - Warm 2 - Warm 1

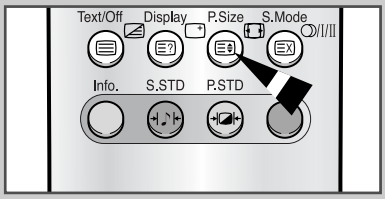
➢ If you make any changes to these settings, the picture mode is automatically switched to the **Custom**.

Changing the Picture Size

ENG

You can select the picture size which best corresponds to your viewing requirements.



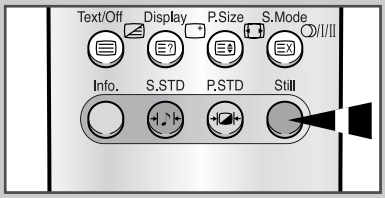


1	Press the **MENU** button. Result: The main menu is displayed.
2	Move the joystick up or down until the **Function** is selected. Result: The options available in the **Function** group are displayed.
3	Press the joystick button.
4	Move the joystick up or down until the **Size** is selected.
5	Select a your required size by moving the joystick left or right. Result: The following modes are available depending on the input source. ◆ **Auto Wide - Wide - Panorama - Zoom 1 - Zoom 2 - Stretch - 14:9 - Normal** ◆ **Standard - Full - Normal** (PC or DVI Mode)

➢
- ◆ You can select these options by simply pressing the **P.Size** (Picture Size) button on the remote control.
- ◆ If you watch a still image or the 4:3 mode for a long time, image may be burned onto the screen, view the PDP in **Wide** or **Panorama** mode as possible.

Freezing the Current Picture

Press the "Still" button to freeze the current picture. To return to normal viewing, press it again.

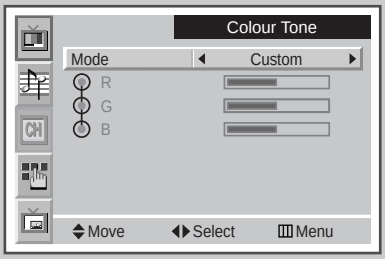


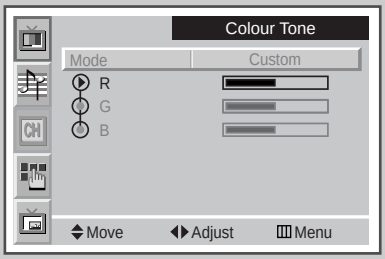
➢ In the PIP mode, the main and sub pictures are stilled at the same time.

Adjusting the Picture Settings (PC or DVI Mode)

ENG

➢ Preset to the PC mode by using the **Source** button.





1	Press the **MENU** button. Result: The **Picture** menu is displayed.
2	Press the joystick button to enter the picture menu.
3	Select a option (**Contrast**, **Brightness**, **Sharpness**) to be adjusted by moving the joystick up or down. Result: The horizontal bar is displayed. Move the joystick left or right until you reach the setting.
4	Move the joystick up or down until the **Colour Tone** is selected. Press the joystick button. Result: The options available in the **Colour Tone** group are displayed with the **Mode** is selected
5	Select the required mode by moving the joystick left or right. Result: The following modes are available. **Custom - Colour l - Colour 2 - Colour 3**
6	To control the colour, select a option (**R**-red, **G**-green, **B**-blue) by moving the joystick up or down. Move the joystick left or right. Result: The horizontal bar is displayed. Move the joystick left or right until you reach the setting.

Setting the Picture (PC Mode)

➢ Preset to the PC mode by using the **Source** button.

1 Press the **MENU** button.
Result: The main menu is displayed.

2 Move the joystick up or down until the **Function** is selected.
Result: The options available in the **Function** group are displayed.

3 Press the joystick button.

4 Move the joystick up or down until the **Image Lock** is selected. Press the joystick button.
Result: The options available in the **Image Lock** group are displayed.

5 Select the required option (**Frequency** or **Phase**) to be adjusted by moving the joystick up or down. Move the joystick left or right until you reach the setting.

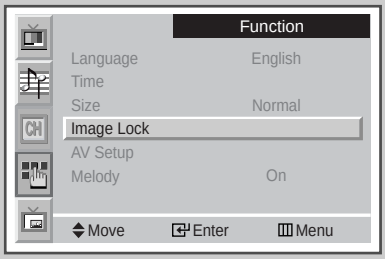
6 Move the joystick up or down until the **Position** is selected. Press the joystick button.

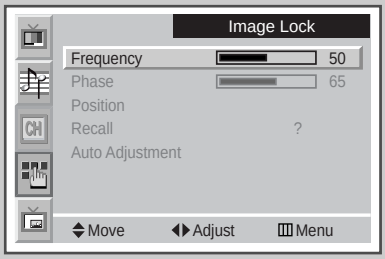
7 Move the required position by using the joystick.

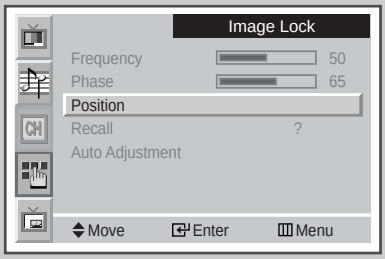
8 Press the **MENU** button.
Result: The options available in the **Image Lock** group are displayed again.

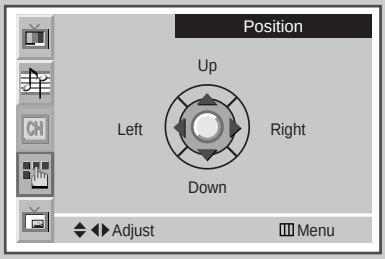
9 To replace all image settings with the factory default values, select the **Recall** by moving the joystick up or down. Set to **OK** by moving the joystick left or right.
Result: The options available in the **Image Lock** group are displayed again.

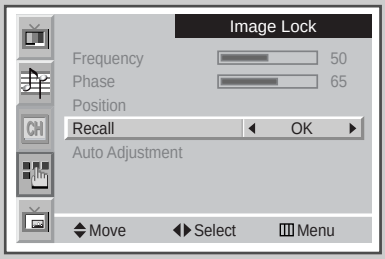
10 To adjust the screen quality and position automatically, select the **Auto Adjustment** by moving the joystick up or down. Press the joystick button.
Result: The **Auto Adjustment** is displayed. The screen quality and position are automatically adjusted.

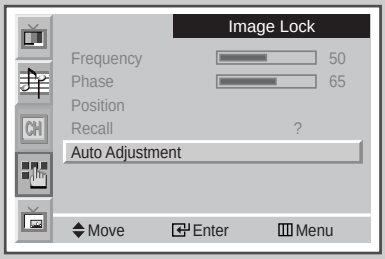






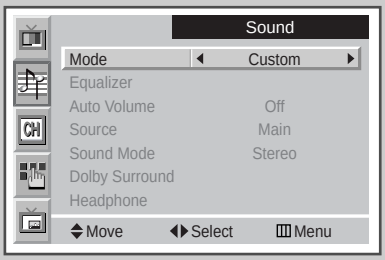


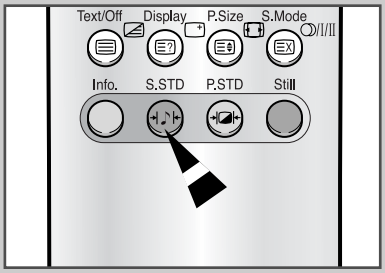




ENG

Changing the Sound Standard



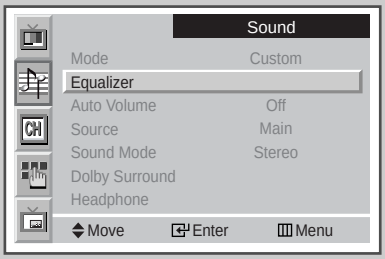


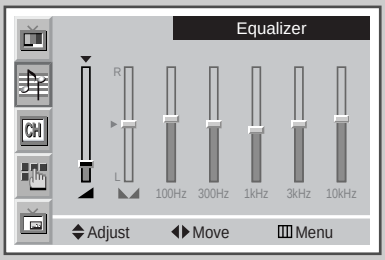
You can select the type of special sound effect to be used when watching a given broadcast.

1	Press the **MENU** button. Result: The main menu is displayed.
2	Move the joystick up or down until the **Sound** is selected. Result: The options available in the **Sound** group are displayed.
3	Press the joystick button. Result: The **Mode** is selected.
4	To select the type of special sound effect to be used when watching a given broadcast, move the joystick left or right. Result: The following modes are available. **Custom - Standard - Music - Movie - Speech**

➢ You can select these options by simply pressing the **S.STD** (Sound Standard) button on the remote control.

Adjusting the Sound Settings





The sound settings can be adjusted to suit your personal preferences.

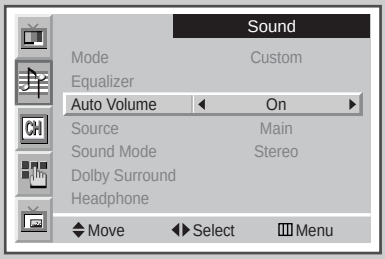
1	Press the **MENU** button. Result: The main menu is displayed.
2	Move the joystick up or down until the **Sound** is selected. Result: The options available in the **Sound** group are displayed.
3	Press the joystick button.
4	Move the joystick up or down until the **Equalizer** is selected. Press the joystick button.
5	Select a your required option by moving the joystick left or right.
6	Move the joystick up or down until you reach the setting.

➢ If you make any changes to these settings, the sound mode is automatically switched to the **Custom**.

Adjusting the Volume Automatically

ENG

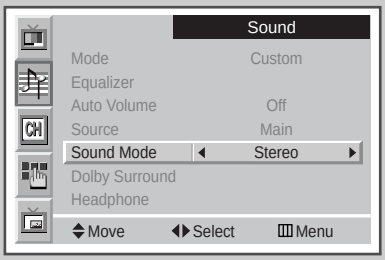
Each broadcasting station has its own signal conditions, and so it is not easy for you to adjust the volume every time the channel is changed. This feature lets you automatically adjust the volume of the selected channel by lowering the sound output when the modulation signal is high or by raising the sound output when the modulation signal is low.

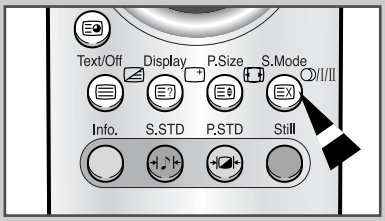


1	Press the **MENU** button. Result: The main menu is displayed.
2	Move the joystick up or down until the **Sound** is selected. Result: The options available in the **Sound** group are displayed.
3	Press the joystick button.
4	Move the joystick up or down until the **Auto Volume** is selected.
5	Select **On** by moving the joystick left or right.

Selecting the Sound Mode

ENG





Depending on the particular program being broadcast, you can display and control the processing and output of the audio signal. When power is switched on, the mode is automatically preset to either "Dual-I " or "Stereo", depending on the current transmission.

1 Press the **MENU** button.

Result: The main menu is displayed.

2 Move the joystick up or down until the **Sound** is selected.

Result: The options available in the **Sound** group are displayed.

3 Press the joystick button.

4 Move the joystick up or down until the **Sound Mode** is selected.

5 Select the required sound mode by moving the joystick left or right.

Type of broadcast	On-screen indication
(FM) Mono	Mono
(FM) Stereo	Stereo - Mono
(FM) Dual	Dual I - Dual II
NICAM Mono	NICAM Mono - Mono
NICAM Stereo	NICAM Stereo - Mono
NICAM Dual	NICAM Dual I - NICAM Dual II - Mono

➢ You can select these options by simply pressing the **S.Mode** (Sound Mode) button on the remote control.

➢
- If the receiving conditions deteriorate, listening will be easier if the mode is set to the **Mono**.
- If the stereo signal is weak and an automatic switching occurs, then switch to the **Mono**.
- When receiving a mono sound in the AV mode, connect to the "AUDIO-L" input connector on the panel of the television. If the mono sound comes out only from left speaker, press the **S.Mode** button.

Setting the Dolby Surround

ENG

This feature allows you enjoy Dolby Pro Logic surround effect fully with only surround speakers are connected to the Media Station.

This allows various modes for the main, center, surround and woofer speakers to be selected.

1 Press the **MENU** button.

Result: The main menu is displayed.

2 Move the joystick up or down until the **Sound** is selected.

Result: The options available in the **Sound** group are displayed.

3 Press the joystick button.

4 Move the joystick up or down until the **Dolby Surround** is selected. Press the joystick button.

Result: The options available in the **Dolby Surround** group are displayed with the **Mode** is selected.

5 Select the **Pro Logic** in the Dolby Surround mode by moving the joystick left or right.

Result: The following modes are available.
Off - Virtual - Pro Logic

➢ ◆ When you select the **Pro Logic**, the following settings can be adjusted.

◆ For further details of sound output depending on the each options, refer to page 34.

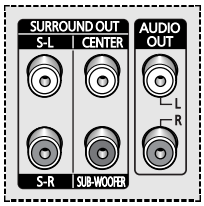
6 Move the joystick up or down until the **Mode** is selected in the Pro Logic menu.

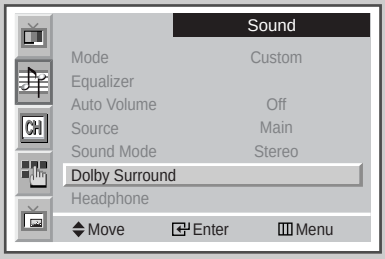
7 Select the required mode by moving the joystick left or right.

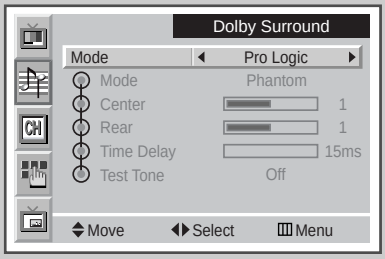
Result: The following modes are available.
Normal - Phantom - Wide

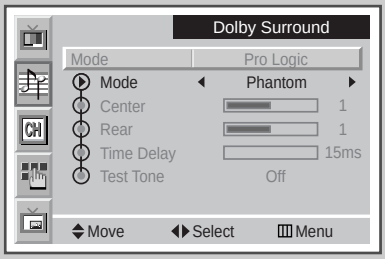
➢ Manufactured under license from Dolby Laboratories. "Dolby", "Pro Logic", and the double-D symbol are trademarks of Dolby Laboratories.

Rear of the Media Station









Setting the Dolby Surround

ENG

Surround Mode		Input Signal	Main Left	Center	Main Right	Surround Right	Surround Left	Sub Woofer
Off		Stereo	✔		✔			✔
		Mono	✔		✔			✔
Virtual		Stereo	✔		✔			✔
		Mono	✔		✔			✔
Pro Logic	- Normal	Stereo	✔	✔	✔	✔	✔	✔
		Mono		✔				
	- Phantom	Stereo	✔		✔	✔	✔	✔
		Mono	✔		✔			✔
	- Wide	Stereo	✔	✔	✔	✔	✔	✔
		Mono		✔				✔

✔ ; Sound

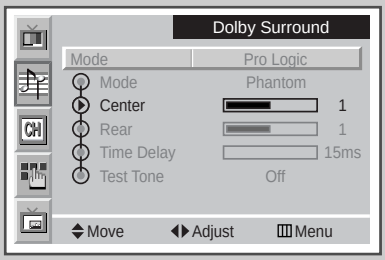
➢ If the center speaker is not connected, no sound will be output in **Normal** and **Wide** modes when inputting a mono signal.

Adjusting the Dolby Pro Logic Preferences

ENG

The following Dolby Surround settings can be adjusted to suit your personal preferences.

- *Volume of the center and rear speakers*
- *Delay time for the rear speakers (between15 and 30 ms)*
- *Activation/deactivation of the test tone to simulate the volume on each speaker*



1 Press the **MENU** button.

Result: The main menu is displayed.

2 Move the joystick up or down until the **Sound** is selected.

Result: The options available in the **Sound** group are displayed.

3 Press the joystick button.

4 Move the joystick up or down until the **Dolby Surround** is selected. Press the joystick button.

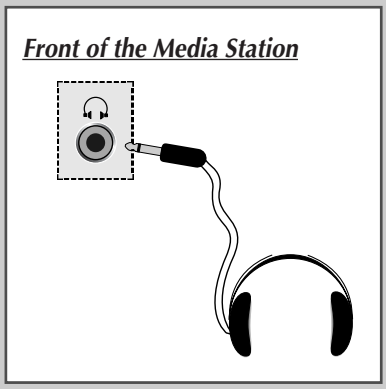
Result: The options available in the **Dolby Surround** group are displayed with the **Mode** is selected.

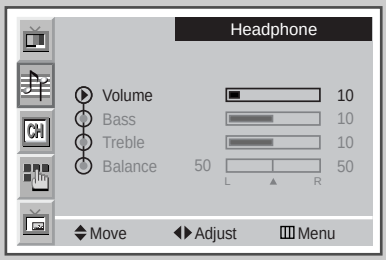
5 Select the **Pro Logic** by moving the joystick left or right.

6 Move the joystick up or down to select a option (**Center**, **Rear**, **Time Delay**, **Test Tone**) to be adjusted. Change a setting by moving the joystick left or right.

Adjusting the Headphone Preferences

ENG





You can adjust the headphone settings to suit your preferences. The following headphone settings are available:

- **`Volume, Bass, Treble, Balance.`**

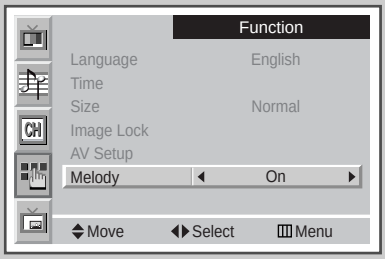
1	Press the **MENU** button. Result: The main menu is displayed.
2	Move the joystick up or down until the **Sound** is selected. Result: The options available in the **Sound** group are displayed.
3	Press the joystick button.
4	Move the joystick up or down until the **Headphone** is selected. Press the joystick button. Result: The options available in the **Headphone** group are displayed.
5	Move the joystick up or down to select a option to be adjusted. Change a setting by moving the joystick left or right.

➢ Prolonged use of headphones at a high volume may damage your hearing.

Hearing the Melody Sound

ENG

You can hear clear melody sound when power is switched on or off.



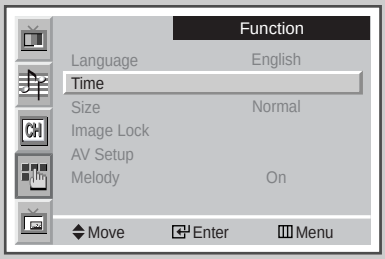
1	Press the **MENU** button. Result: The main menu is displayed.
2	Move the joystick up or down until the **Function** is selected. Result: The options available in the **Function** group are displayed.
3	Press the joystick button.
4	Move the joystick up or down until the **Melody** is selected.
5	Select the required option (**On** or **Off**) by moving the joystick left or right.

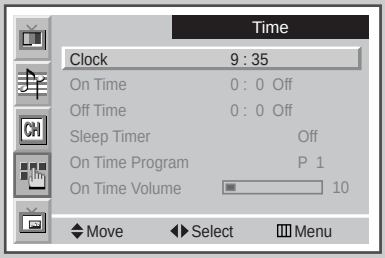
Setting the Current Time

You can set the clock so that the PDP will:

- ***Switch on automatically and tune to the channel of your choice at the time you select***
- ***Switch off automatically at the time you select.***

➢ If you disconnect the power cord, the clock will be reset. You have to set the clock again.

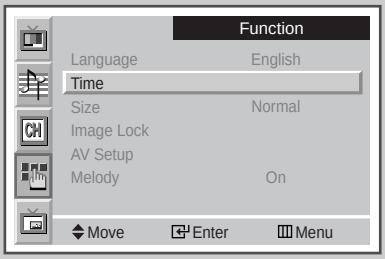


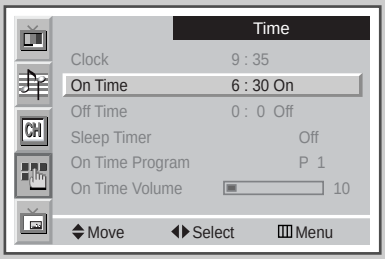


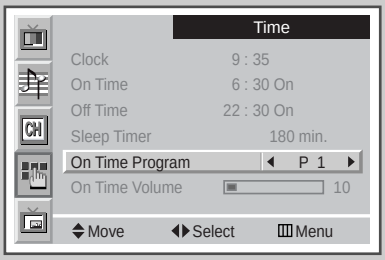
1	Press the **MENU** button. Result: The main menu is displayed.	
2	Move the joystick up or down until the **Function** is selected. Result: The options available in the **Function** group are displayed.	
3	Press the joystick button.	
4	Move the joystick up or down until the **Time** is selected. Press the joystick button. Result: The options available in the **Time** group are displayed with the **Clock** is selected.	
5	**To...**	**Move the joystick...**
	Move to the each option (hour and minute)	left or right.
	Adjust the each option	up or down.

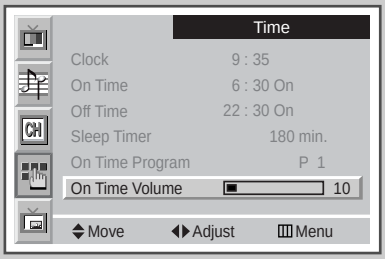
Switching On and Off Automatically

ENG









You can switch on or off automatically at the time you select. Also you can select the channel and volume level when it will be switched on.

1 Press the **MENU** button.

Result: The main menu is displayed.

2 Move the joystick up or down until the **Function** is selected.

Result: The options available in the **Function** group are displayed.

3 Press the joystick button.

4 Move the joystick up or down until the **Time** is selected. Press the joystick button.

Result: The options available in the **Time** group are displayed.

5 Move the joystick up or down until the **On Time** is selected. Set the time which you wish to be switched on.

6 Move the joystick up or down until the **Off Time** is selected. Set the time which you wish to be switched off.

7 Move the joystick up or down until the **On Time Program** is selected. Select the channel when it will be switched on by moving the joystick left or right.

8 Move the joystick up or down until the **On Time Volume** is selected. Set the volume level when it will be switched on by moving the joystick left or right.

Setting the Sleep Timer

ENG

You can select a time period of between 15 and 360 minutes after which the PDP automatically switches to Standby mode.

1 Press the **MENU** button.

Result: The main menu is displayed.

2 Move the joystick up or down until the **Function** is selected.

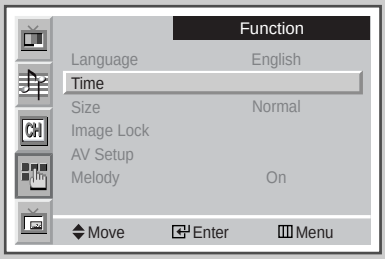
Result: The options available in the **Function** group are displayed.

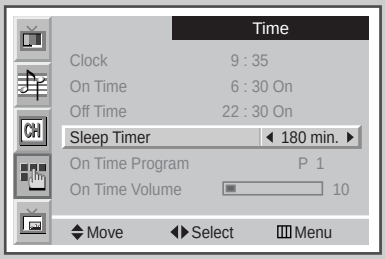
3 Press the joystick button.

4 Move the joystick up or down until the **Time** is selected. Press the joystick button.

Result: The options available in the **Time** group are displayed.

5 Move the joystick up or down until the **Sleep Timer** is selected. Select the preset time interval (15, 30, 45, 60, 90, 120, 150, 180, 210, 240, 270, 300, 330, 360) for staying on by moving the joystick left or right.



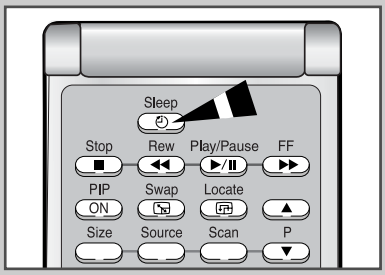


You can set the sleep timer by simply pressing the "Sleep" button on the remote control.

1 Press the **Sleep** button on the remote control.

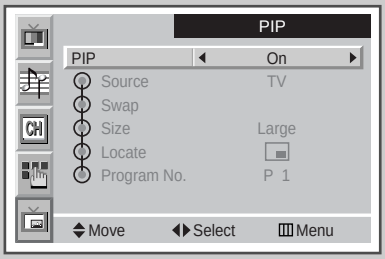
Result: If the sleep timer is not yet set, **Off** is displayed. Otherwise, the remaining time before which the television switches to Standby mode is displayed.

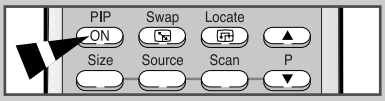
2 Select the preset time interval for staying on by pressing the **Sleep** button repeatedly.

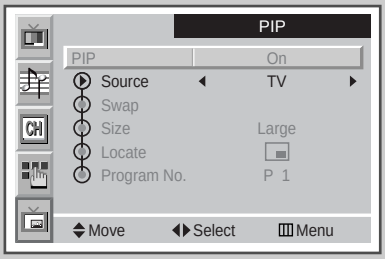


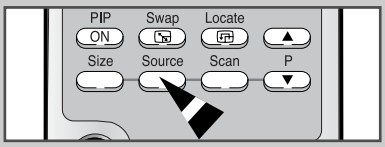
Viewing the Picture in Picture (PIP)

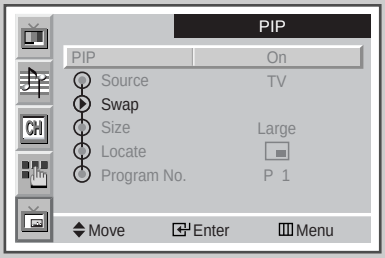
ENG

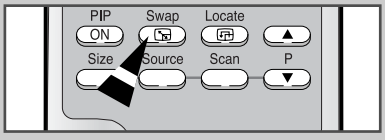












You can display a sub picture within the main picture. In this way you can monitor the input sources from any connected equipment.

1 Press the **MENU** button.

Result: The main menu is displayed.

2 Move the joystick up or down until the **PIP** is selected.

Result: The options available in the **PIP** group are displayed.

3 Press the joystick button.

Result: The **PIP** is selected.

4 Set to **On** by moving the joystick left or right.

➢ You can also activate the PIP simply by pressing the **PIP ON** button. To deactivate, press it again.

5 To select the external sources of sub picture, select the **Source** by moving the joystick up or down. Move the joystick left or right.

Result: The followings are available depending on the input source.

- **TV - AV 1 - AV 2 - AV 3 - AV 4 - AV 5**

➢ You can also select these options simply by pressing the **Source** button.

6 To interchange the main picture and sub picture, select the **Swap** by moving the joystick up or down. Move the joystick left or right.

Result: The main picture and sub picture are interchanged.

➢
- You can also do simply by pressing the **Swap** button.
- Not available depending on the input modes.

continued...

Viewing the Picture in Picture (PIP)

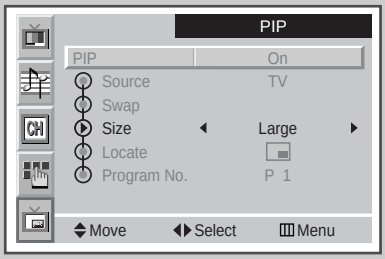
ENG

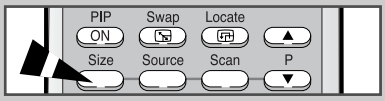
7 To select the size of sub picture, select the **Size** by moving the joystick up or down. Move the joystick left or right.

Result: The following sizes are available depending on the input source.

- **Large** - **Small** - **Double 1** - **Double 2**
- **Large** - **Small**

➢
- If the system is different between the main picture and the sub picture, the **Double** mode is not selected.
- In the PC mode, the size of sub picture may be different depending on the type of PC Monitor and its resolution.
- You can also select these options simply by pressing the **Size** button.

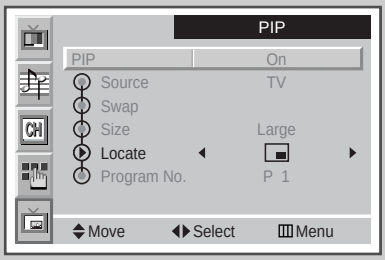




8 To select the location of sub picture, select the **Locate** by moving the joystick up or down. Move the joystick left or right.

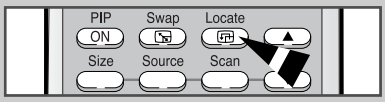
Result: You can move the sub picture counterclockwise.

➢ You can also do simply by pressing the **Locate** button.



9 In the PC mode, select the **Locate** and press the joystick button.

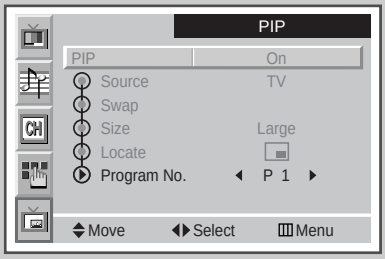
Result: The **PIP Panning** is displayed. You can move the sub picture to your required location by pressing the joystick left, right, up or down.



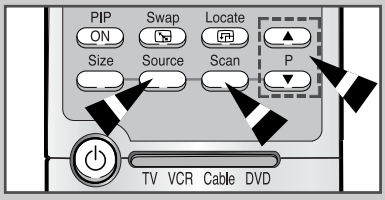
10 To select the channel of sub picture, select the **Program No.** by moving the joystick up or down. Move the joystick left or right.

➢
- When the **Source** is set to **TV**, you can select the channel of sub picture.
- You can also do simply by pressing the **P▲** or **P▼** button.

PC Mode

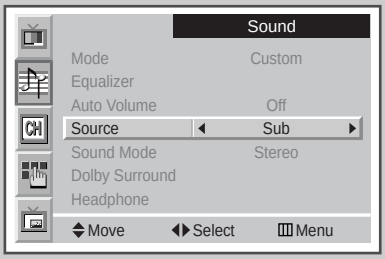


➢ The **Scan** button is used to scan every memorized channel in order. To stop scanning, press it again.



ENG

Listening to the Sound of the Sub Picture

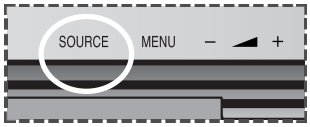


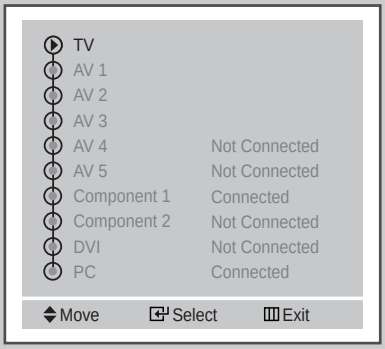
During the PIP feature is activating, you can listen to the sound of the sub picture.

1	Press the **MENU** button. Result: The main menu is displayed.
2	Move the joystick up or down until the **Sound** is selected. Result: The options available in the **Sound** group are displayed.
3	Press the joystick button.
4	Move the joystick up or down until the **Source** is selected. Set to **Sub** by moving the joystick left or right. Result: You can listen to the sound of the sub picture. ➢ To listen the sound of current main picture, set to **Main**.

Viewing Pictures From External Sources

Front panel





Once you have connected up your various audio and video systems, you can view the different sources by selecting the appropriate input.

1	Check that all the necessary connections have been made.
2	Press the **Source** button. Result: The input sources available are displayed.
3	Move the joystick up or down until the required input source is selected and press the joystick button.

➢ If you change the external source while viewing, pictures might take a short period of time to be switched.

Redirecting an Input to the External Output

ENG

Your PDP enables you to choose which audio/video signals are output to the external connector.

1 Press the **MENU** button.

Result: The main menu is displayed.

2 Move the joystick up or down until the **Function** is selected.

Result: The options available in the **Function** group are displayed.

3 Press the joystick button.

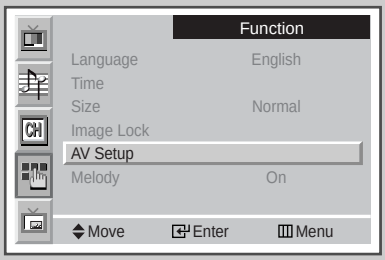
4 Move the joystick up or down until the **AV Setup** is selected. Press the joystick button.

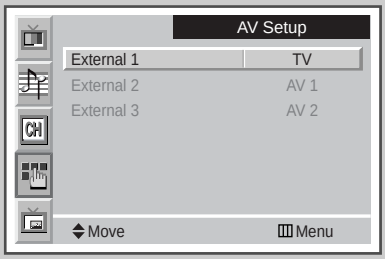
Result: The options available in the **AV Setup** group are displayed.

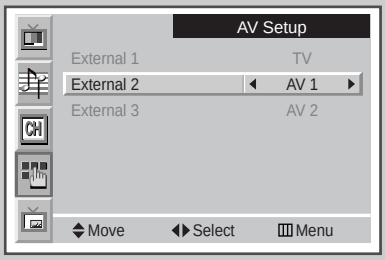
5 Select the required output (**External 2** or **External 3**) by moving the joystick up or down.

6 Select the source to be directed to the output by moving the joystick left or right.

➢ **External 1** : Default
External 2, **External 3** : Variable

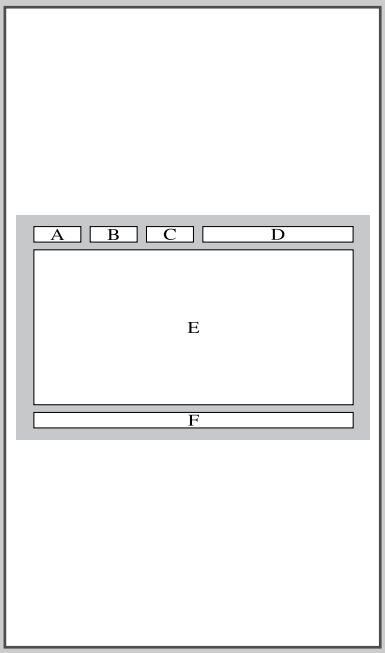






Teletext Feature

ENG



Most television channels provide written information services via teletext. Information provided includes:

- ***Television programme times***
- ***News bulletins and weather forecasts***
- ***Sports results***
- ***Travel information***

This information is divided into numbered pages (see diagram).

Part	Contents
A	Selected page number.
B	Broadcasting channel identity.
C	Current page number or search indications.
D	Date and time.
E	Text.
F	Status information. FASTEXT information.

➢ Teletext information is often divided between several pages displayed in sequence, which can be accessed by:

- Entering the page number
- Selecting a title in a list
- Selecting a coloured heading (FASTEXT system)

➢ When a Teletext signal is present, the display panel (VFD) on the front of Media Station will show “TTX ON”.

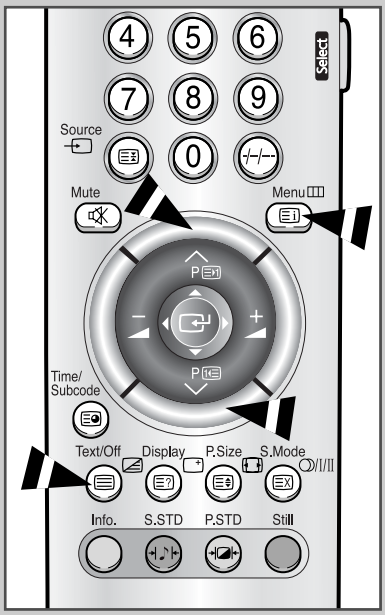
Displaying the Teletext Information

ENG

You can display Teletext information at any time on your PDP.

☛ For Teletext information to be displayed correctly, channel reception must be stable; otherwise:

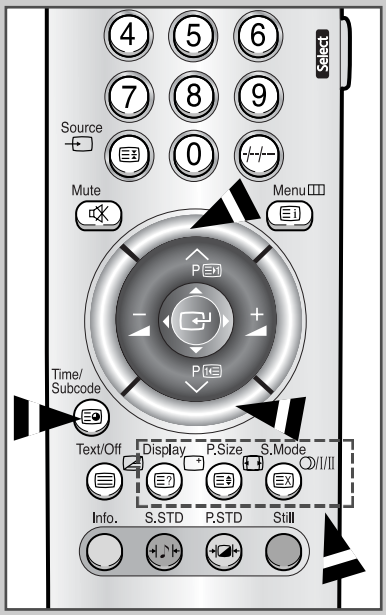
- Information may be missing
- Some pages may not be displayed



1	Select the channel providing the Teletext service by pressing the **P**∧ or **P**∨ button.
2	Press the **Text/Off** button to activate the teletext mode. Result: The contents page is displayed. It can be redisplayed at any time by pressing the (index) button.
3	Press the **Text/Off** button again. Result: The screen will be split into two. This Double Teletext feature lets you view the actual broadcast and teletext information separately on the screen.
4	If you wish to display the actual broadcast and teletext information on a single screen, press the **Text/Off** button again.
5	To exit from the teletext display, press the **Text/Off** button again.

Selecting Display Options

ENG



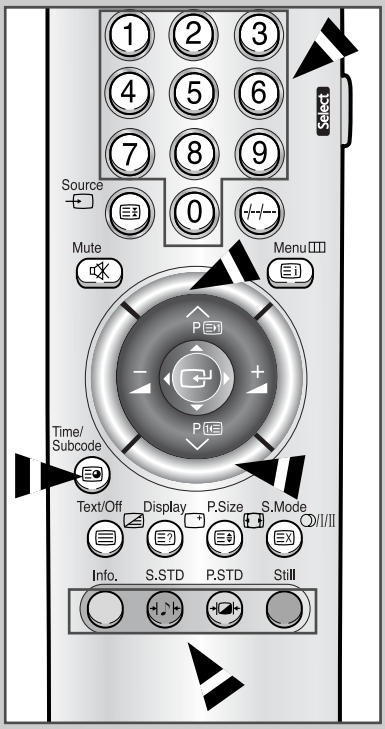
When you have displayed a Teletext page, you can select various options to suit your requirements.

To display...	Press the...
◆ Hidden text (answers to quiz games, for example)	(reveal)
◆ The normal screen	(reveal) again
◆ A secondary page by entering its number	(**Time/Subcode**)
◆ The broadcast when searching for a page	(cancel)
◆ The next page	(page up)
◆ The previous page	(page down)
◆ Double-size letters in the: • Upper half of the screen • Lower half of the screen	(size) • Once • Twice
◆ The normal screen	• Three times

Selecting a Teletext Page

ENG

You can enter the page number directly by pressing the numeric buttons on the remote control.



1 Enter the three-digit page number given in the content by pressing the corresponding numeric buttons.

Result: The current page counter is incremented and the page is then displayed. If the selected page is linked with several secondary pages, the secondary pages are displayed in sequence. To freeze the display on a given page, press the (hold). Press the (hold) again to resume.

2 If the FASTEXT system is used by the broadcasting company, the different topics covered on a Teletext page are color-coded and can be selected by pressing the coloured buttons on the remote control.
Press the coloured button corresponding to the topic that you wish to select; the available topics are given on the status line.

Result: The page is displayed with other colored information that can be selected in the same way.

3 To display the previous or next page, press the corresponding coloured button.

4 To display the subpage, see the following steps.

- Press the (**Time/Subcode**) button.
  Result: The available subpages appear.
- Select the required sub-page. Sub-pages can be scrolled by using the or button.

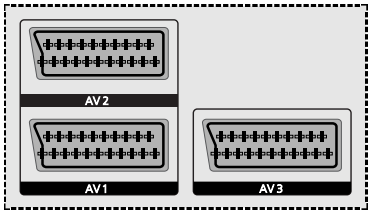
➢ Although a channel is changed by connecting an external device, the information about the previous channel may be displayed.

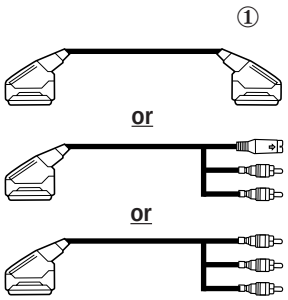
Connecting to the External Devices

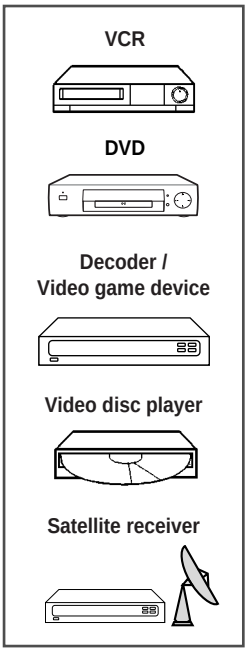
ENG

"AV1" and "AV3" are used for the equipment with an RGB output, such as video game devices or video disc players.

Rear of the Media Station
(Input/Output)





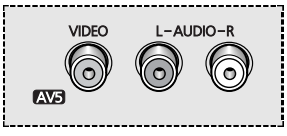


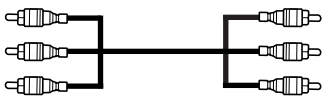
① This end can be fitted with:
- A SCART connector
- An S-Video connector and two audio RCA connectors (L+R)
- Three RCA connectors (VIDEO + AUDIO-L/R)

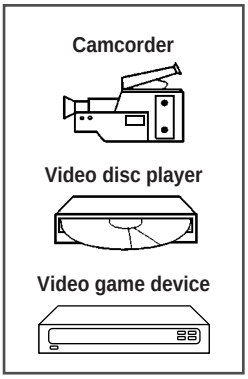
Input/Output Specification

Connector	Input				Output
	Video	Audio (L/R)	S-Video	RGB	Video + Audio (L/R)
AV1	✔	✔	✔	✔	Only TV output is available.
AV2	✔	✔	✔		Output you can choose.
AV3	✔	✔		✔	Output you can choose.

Front of the Media Station
(Input)







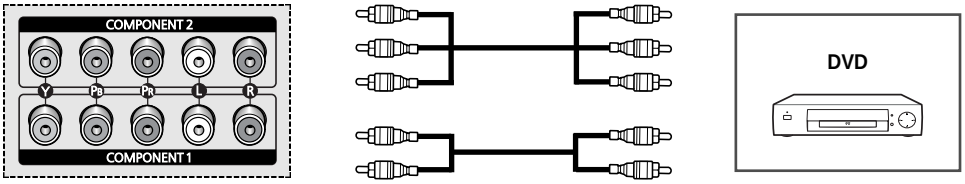
Whenever you connect an audio or video system to your Media Station, ensure that all elements are switched off. Refer to the documentation supplied with your equipment for detailed connection instructions and associated safety precautions.

Connecting to the DVD Input

ENG

The RCA connectors are used for equipment with a DVD output. (480i/480p/576i/576p)

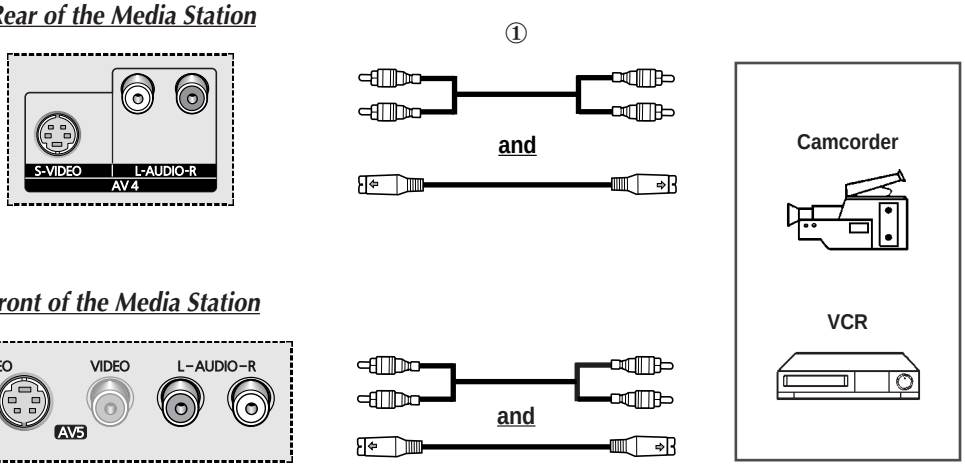
Rear of the Media Station



Connecting to the S-Video Input

The S-VIDEO and RCA (AUDIO-L/R) connectors are used for equipment with an S-Video output, such as a camcorder or VCR.

Rear of the Media Station



Front of the Media Station

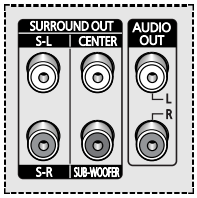
① To play pictures and sound, both the S-VIDEO and RCA connectors must be used.

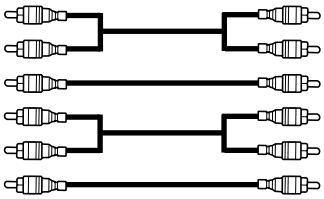
ENG

Connecting to the Audio Output

The "SURROUND OUT" and "AUDIO OUT" connectors are used for equipment, such as an audio system or external amplifier (to take full advantage of the Surround sound effect).

Rear of the Media Station



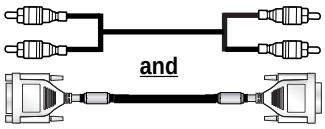


Audio System/ External Amplifier

Connecting to the DVI Input

The "DVI IN" and RCA (AUDIO-L/R) connectors are used for equipment with a DVI output.

Rear of the Media Station



Personal Computer

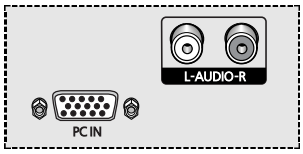
➢ The **"DVI IN"** does not support the Analog R (red), G (green) and B (blue) signals.

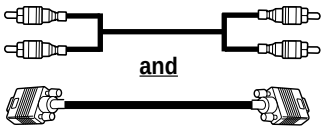
Connecting to the PC Input

ENG

The "PC IN" and RCA (AUDIO-L/R) connectors are used for interfacing with your PC.

Rear of the Media Station





Personal Computer

Setting up Your Display Plug and Play

Our adoption of the new **VESA® Plug and Play** solution eliminates complicated and time consuming setup. It allows you to install your monitor in a Plug and Play compatible system without the usual hassles and confusion. Your PC system can easily identify and configure itself for use with your display. This monitor automatically tells the PC system its **E**xtended **D**isplay **I**dentification **D**ata (**EDID**) using **D**isplay **D**ata **C**hannel (**DDC**) protocols.

Preset Signals

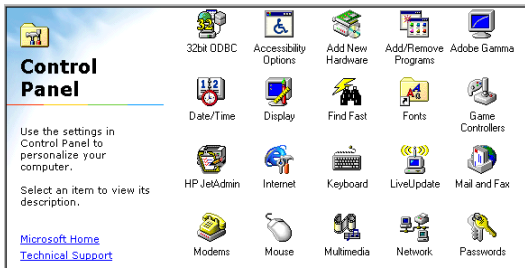
Source	Video	Vertical frequency (Hz)	Horizontal frequency (kHz)	Resolution (Lines)
AV1 ~ AV5 (RF)	PAL	50	15.625	575
	SECAM	50	15.625	575
	NTSC4.43	60	15.734	483
	NTSC3.58 (Except RF)	60	15.704	483
Component 1 Component 2	480/60i	60	15.734	483
	576/50i	50	15.625	575
	480/60p	60	31.469	483
	576/50p	50	31.250	575
	720/60p	60	45.000	720
	1080/50i	50	28.125	1080
	1080/60i	60	33.750	1080

Setting up Your PC Software (Windows only)

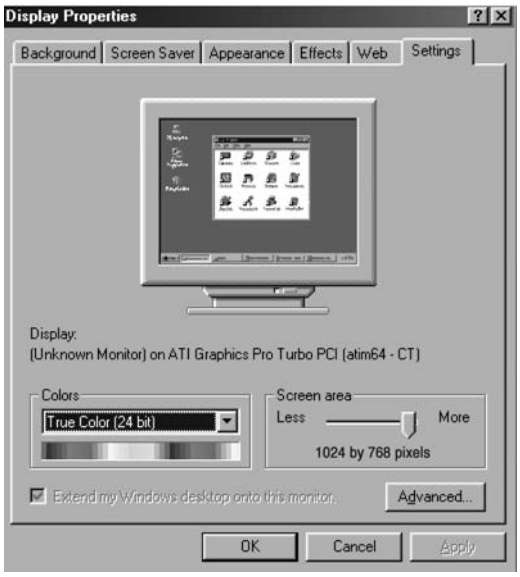
ENG

The Windows display-settings for a typical computer are shown below. But the actual screens on your PC will probably be different, depending upon your particular version of Windows and your particular video card.

On the windows screen, select in the following sequence: **Start → Settings → Control Panel.**



When the control panel screen appears, click on **Display** and a display dialog-box will appear.



Select the **Settings** tab in the display dialog-box.

The two key variables that apply the Media Station-PC interface are “Resolution” and “Colors”.
The correct settings for these two variables are:

- Size (sometimes called “Resolution”)
  1024 x 768 pixels.
- Color
  24-bit color (might also be expressed as “16 million colors”)
  Shown at left is a typical screen for “Display” dialog box.

If a vertical-frequency option exists on your display settings dialog box, the correct value is **60** or **60 Hz**. Otherwise, just click **OK** and exit the dialog box.

Input Mode (PC/DVI)

ENG

Both screen position and size will vary depending on the type of PC monitor and its resolution. The table below shows all of the display modes that are supported:

Standard	Dot x Line	Vertical frequency (Hz)	Horizontal frequency (kHz)	Vertical polarity	Horizontal polarity
VGA	640 x 480	85.0	43.3	N	N
		75.0	37.5	N	N
		72.8	37.9	N	N
		59.9	31.5	N	N
	720 x 400	70.1	31.5	P	N
SVGA	800 x 600	85.1	53.7	P	P
		75.0	46.9	P	P
		72.2	48.1	P	P
		60.3	37.9	P	P
		56.3	35.2	P	P
XGA	1024 x 768	85.0	68.7	P	P
		75.0	60.0	P	P
		70.1	56.5	N	N
		60.0	48.3	N	N
WXGA	848 x 480	85	42.9	P	N
		75	37.5	P	N
		72	36.1	P	N
		70	35.0	P	N
		60	29.8	P	N

(N: Negative / P: Positive)

- The interlace mode is not supported.
- The PDP might operate abnormally if a non-standard video format is selected.
- The 4:3 mode does not work with input signals from “720 x 400”.
- The DVI mode does not support “1024 x 768” (85Hz).

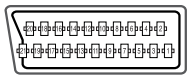
Notes

- **The text quality of PC screen is optimum in the VGA mode (640 x 480), the full size displayed PC mode is optimum in the SVGA mode (800 x 600).**
- When this PDP is used as a PC display, 24-bit color is supported (over 16 million colors).
- Your PC display screen might appear different depending on the manufacturer (and your particular version of Windows). Check your PC instruction book for information about connecting your PC to a PDP.
- If a vertical and horizontal frequency-select mode exists, select 60Hz (vertical) and 31.5kHz (horizontal). In some cases, abnormal signals (such as stripes) might appear on the screen when the PC power is turned off (or if the PC is disconnected). If so, press the **Source** button to enter the Video mode. Also, make sure that the PC is connected.
- When connecting a notebook PC to the PDP, make sure that the PC screen is displayed through only the PDP monitor (Otherwise, random signals might appear).
- When horizontal synchronous signals seem irregular in PC mode, check PC power saving mode or cable connections.

Pin Configurations

ENG

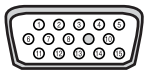
SCART Connector (AV1/AV2/AV3)



➢ Pins 5, 7, 9, 11, 13, 15 and 16 are used for RGB processing and are only wired on the **AV1** or **AV3** connector.

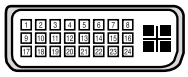
Pin	Signal	Pin	Signal
1	Audio output R	12	-
2	Audio input R	13	Video chassis return (RGB red)
3	Audio output L	14	-
4	Audio chassis return	15	RGB red input
5	Video chassis return (RGB blue)	16	Blanking signal (RGB switching)
6	Audio input L	17	Video chassis return
7	RGB blue input	18	Blanking signal ground
8	Switching voltage	19	Video output
9	Video chassis return (RGB green)	20	Video input
10	AV-Link (Ext 1)	21	Screening/chassis return
11	RGB green input		

PC Input Connector (15Pin)



Pin	PC IN
1	Red (R)
2	Green (G)
3	Blue (B)
4	Grounding
5	Grounding (DDC)
6	Red (R) Grounding
7	Green (G) Grounding
8	Blue (B) Grounding
9	Reserved
10	Sync Grounding
11	Grounding
12	Data (DDC)
13	Horizontal sync.
14	Vertical sync.
15	Clock (DDC)

DVI Input Connector (24Pin)



Pin	Signal
1	T.M.D.S. Data2-
2	T.M.D.S. Data2+
3	T.M.D.S. Data2/4 Shield
4	T.M.D.S. Data4-
5	T.M.D.S. Data4+
6	Clock (DDC)
7	Data (DDC)
8	Not Connected
9	T.M.D.S. Data1-
10	T.M.D.S. Data1+
11	T.M.D.S. Data1/3 Shield
12	T.M.D.S. Data3-
13	T.M.D.S. Data3+
14	+5V Power
15	5V Grounding
16	Hot Plug Detect
17	T.M.D.S. Data0-
18	T.M.D.S. Data0+
19	T.M.D.S. Data0/5 Shield
20	T.M.D.S. Data5-
21	T.M.D.S. Data5+
22	T.M.D.S. Clock Shield
23	T.M.D.S. Clock+
24	T.M.D.S. Clock-

Care and Maintenance

ENG

With proper care, your PDP will give you many years of service. Please follow these guidelines to get the maximum performance from your PDP.

- **Identifying Problems**
  - Do not put the PDP near extremely hot, cold, humid or dusty places.
  - Do not put the PDP near appliances that create magnetic fields.
  - Keep the ventilation openings clear.
  - Do not place the PDP on a rough and slanted surface, such as cloth or paper.

- **Liquids**
  - Do not handle liquids near or on the PDP.

- **Cabinet**
  - Never open the cabinet or touch the parts inside.
  - Wipe your PDP with a clean, dry cloth. Never use water, cleaning fluids, wax, or chemicals.
  - Do not put heavy objects on top of the cabinet.

- **Temperature**
  - If your PDP is suddenly moved from a cold to a warm place, unplug the power cord for at least two hours so that moisture that may have formed inside the unit can dry completely.

Troubleshooting

ENG

Before contacting Service Personnel, perform the following simple checks. If you cannot solve the problem using the instructions below, note the model and serial number of the PDP and contact your local dealer.

No sound or picture	◆ Check that the mains lead has been connected to a wall socket. ◆ Check that you have pressed the **Power** button. ◆ Check the picture contrast and brightness settings. ◆ Check the volume.
Normal picture but no sound	◆ Check the volume. ◆ Check whether the **MUTE** button has been pressed.
No picture or black and white picture	◆ Adjust the colour settings. ◆ Check that the broadcast system selected is correct.
Sound and picture interference	◆ Try to identify the electrical appliance that is affecting the Media Station, then move it further away. ◆ Plug your television into a different mains socket.
Blurred or snowy picture, distorted sound	◆ Check the direction, location and connections of your aerial. This interference often occurs due to the use of an indoor aerial.
Remote control malfunctions	◆ Replace the remote control batteries. ◆ Clean the upper edge of the remote control (transmission window). ◆ Check the battery terminals.
The power indicator is amber blinking.	◆ The monitor is using its power management system. Check the power management utility on your computer.

Wiring the Mains Power Supply Plug (UK Only)

ENG

◆ *IMPORTANT NOTICE*

The mains lead on this equipment is supplied with a moulded plug incorporating a fuse. The value of the fuse is indicated on the pin face of the plug and, if it requires replacing, a fuse approved to BSI1362 of the same rating must be used. Never use the plug with the fuse cover omitted if the cover is detachable.
If a replacement fuse cover is required, it must be of the same colour as the pin face of the plug. Replacement covers are available from your dealer. If the fitted plug is not suitable for the power points in your house or the cable is not long enough to reach a power point, you should obtain a suitable safety approved extension lead or consult your dealer for assistance. However, if there is no alternative to cutting off the plug, remove the fuse and then safely dispose of the plug. Do NOT connect the plug to a mains socket as there is a risk of shock hazard from the bared flexible cord.

◆ *IMPORTANT*

The wires in the mains lead are coloured in accordance with the following code:

BLUE - NEUTRAL **BROWN - LIVE**

As these colours may not correspond to the coloured markings identifying the terminals in your plug, proceed as follows:
The wire coloured BLUE must be connected to the terminal marked with the letter N or coloured BLUE or BLACK. The wire coloured BROWN must be connected to the terminal marked with the letter L or coloured BROWN or RED.

WARNING: DO NOT CONNECT EITHER WIRE TO THE EARTH TERMINAL, WHICH IS MARKED WITH THE LETTER E OR BY THE EARTH SYMBOL ⏚ , OR COLOURED GREEN OR GREEN AND YELLOW.

Memo

ENG

Memo

– AFTER SALES SERVICE

– Do not hesitate to contact your retailer or service agent if a change in the performance of your product indicates that a faulty condition may be present.

SAMSUNG

ELECTRONICS

MD68-00279A-01 (ENG)